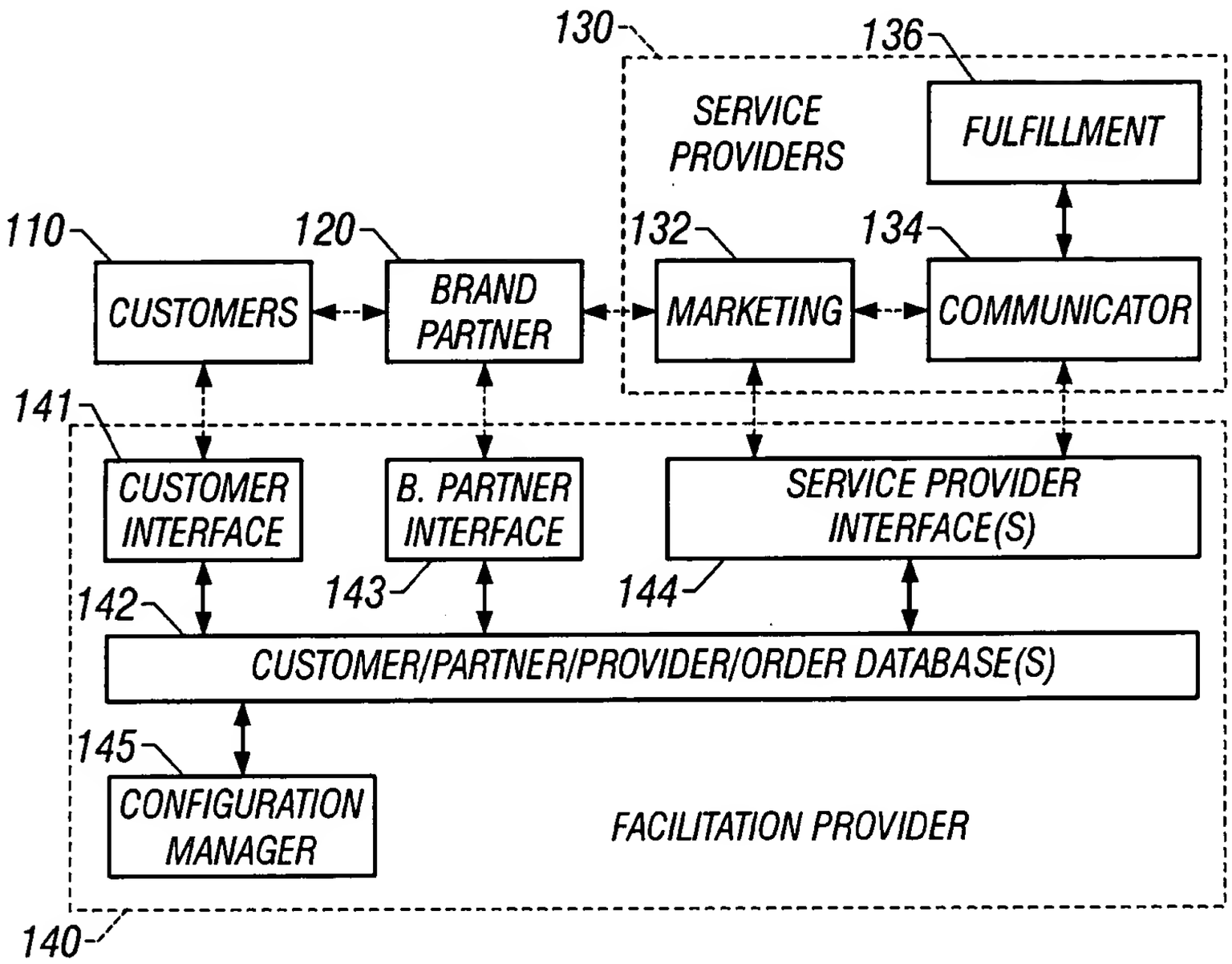
130
136
SERVICE PROVIDERS
FULFILLMENT
110
120
132
134
CUSTOMERS
BRAND PARTNER
MARKETING
COMMUNICATOR
141
CUSTOMER INTERFACE
B. PARTNER INTERFACE
SERVICE PROVIDER INTERFACE(S)
142
143
144
CUSTOMER/PARTNER/PROVIDER/ORDER DATABASE(S)
145
CONFIGURATION MANAGER
FACILITATION PROVIDER
140

FIG. 1

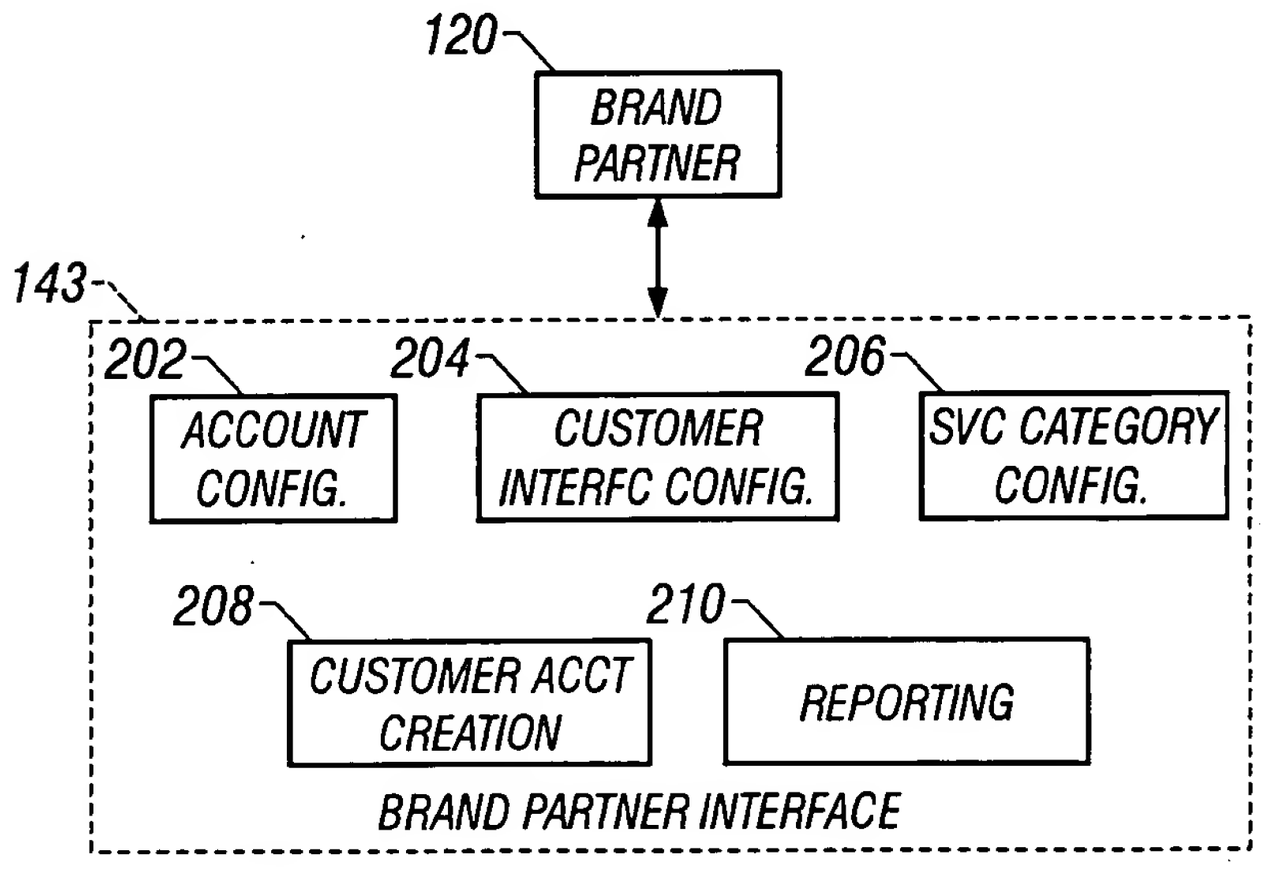
120
BRAND PARTNER
143
202
204
206
ACCOUNT CONFIG.
CUSTOMER INTERFC CONFIG.
SVC CATEGORY CONFIG.
208
210
CUSTOMER ACCT CREATION
REPORTING
BRAND PARTNER INTERFACE

FIG. 2

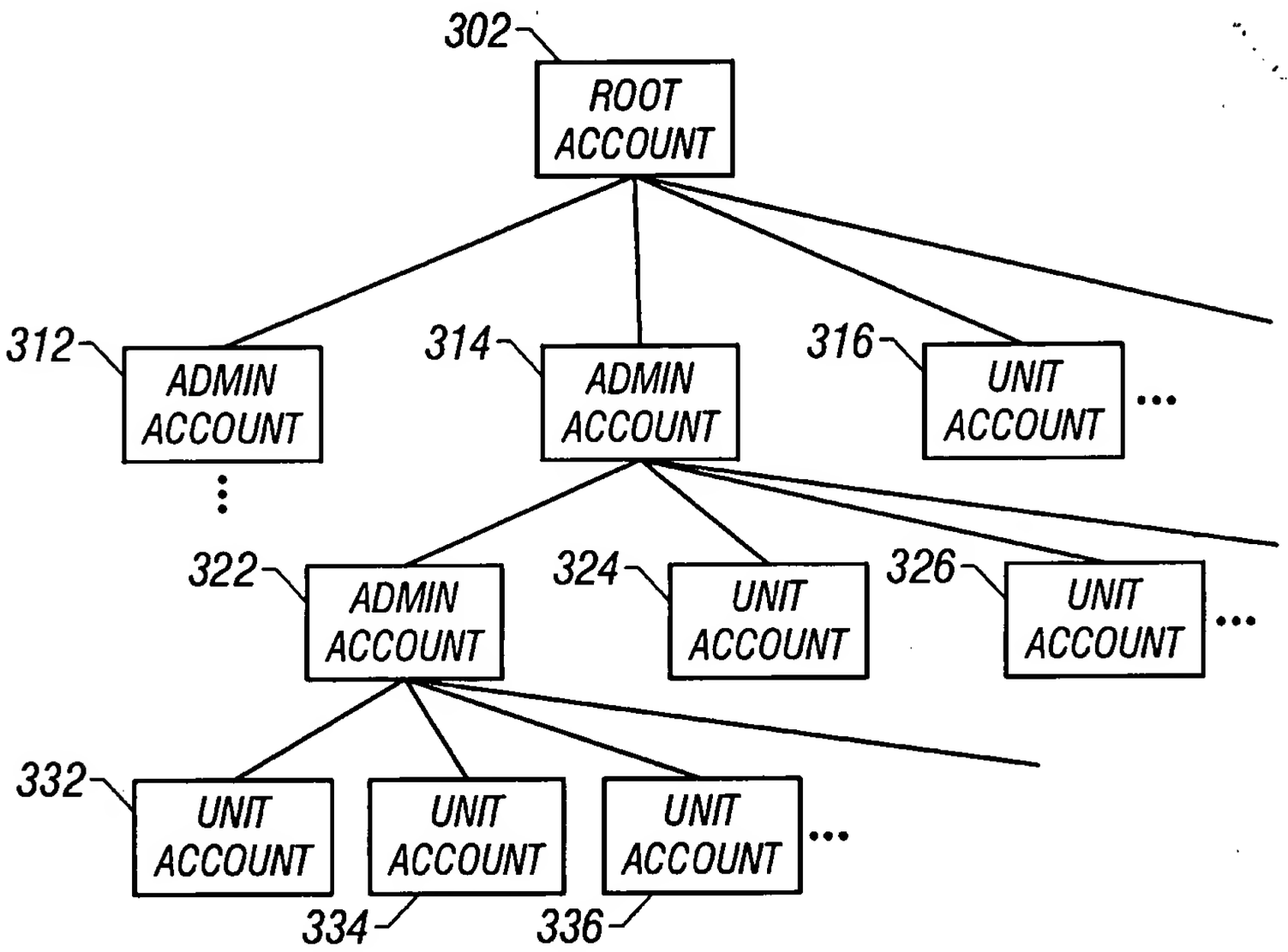
302
ROOT ACCOUNT
312
ADMIN ACCOUNT
314
ADMIN ACCOUNT
316
UNIT ACCOUNT
322
ADMIN ACCOUNT
324
UNIT ACCOUNT
326
UNIT ACCOUNT
332
UNIT ACCOUNT
UNIT ACCOUNT
UNIT ACCOUNT
334
336

FIG. 3

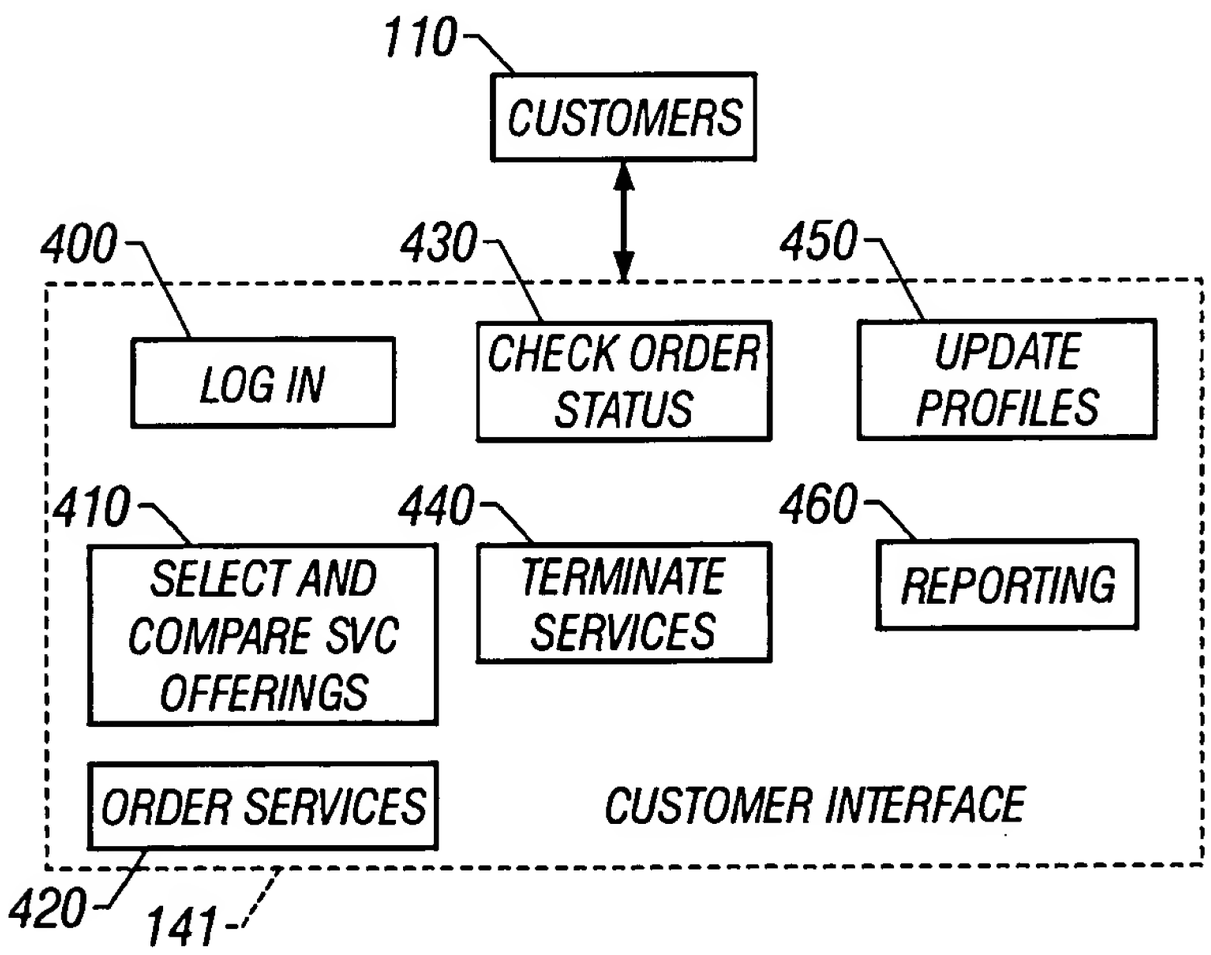
110
CUSTOMERS
400
LOG IN
430
CHECK ORDER STATUS
450
UPDATE PROFILES
410
SELECT AND COMPARE SVC OFFERINGS
440
TERMINATE SERVICES
460
REPORTING
ORDER SERVICES
CUSTOMER INTERFACE
420
141

FIG. 7

PLEASE DO NOT REMOVE

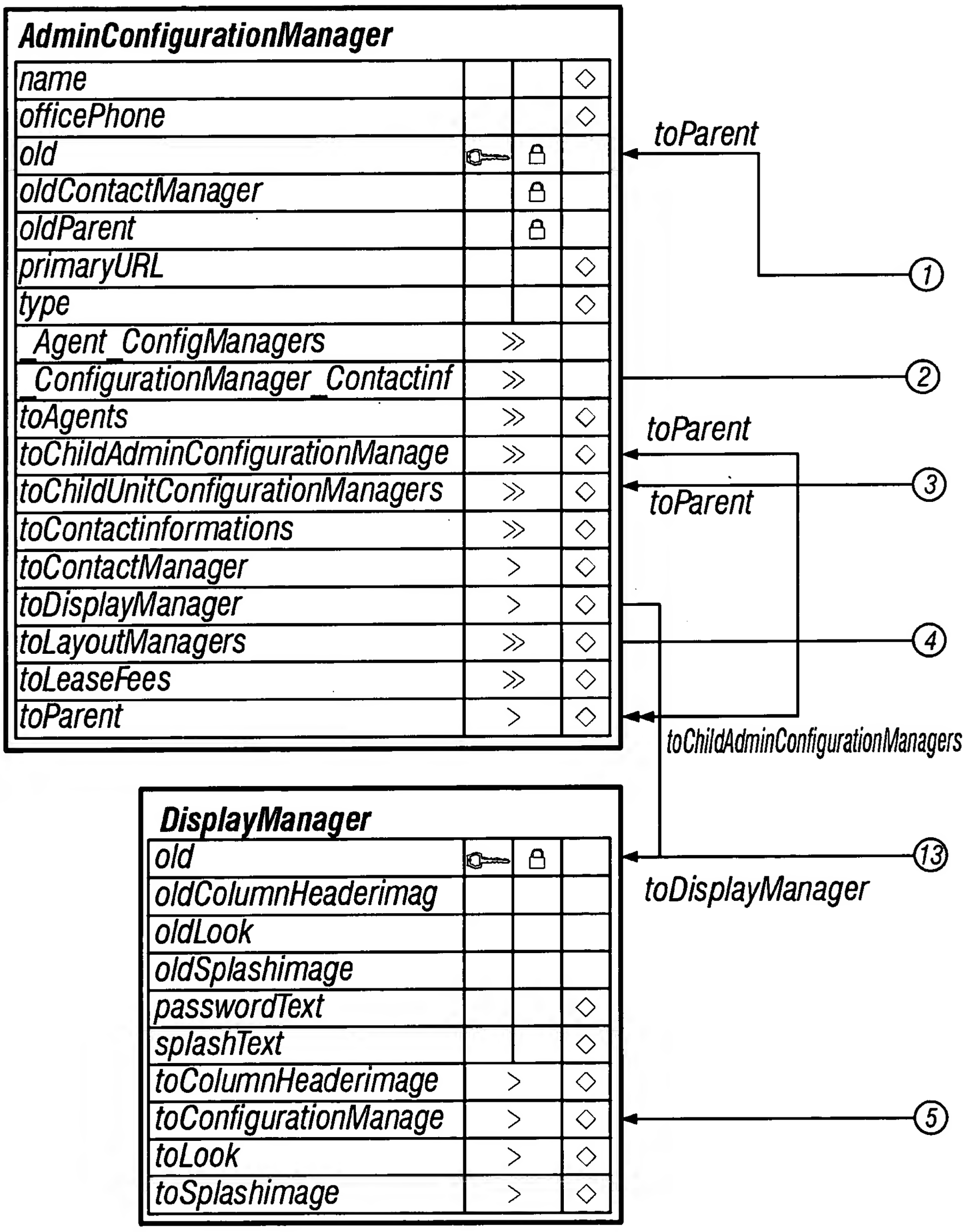

FIG. 4A

EDITED - SPECIFIED

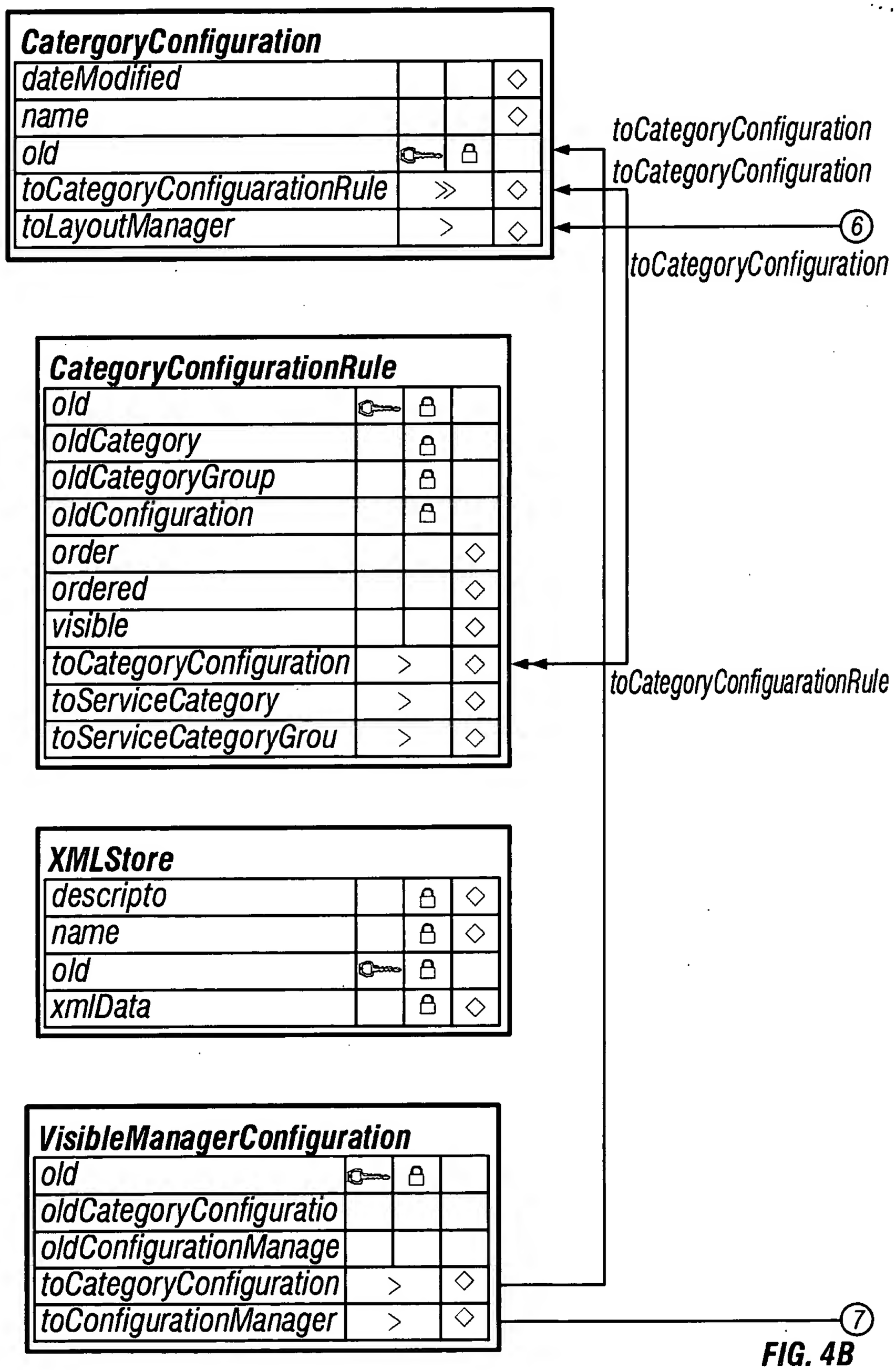

FIG. 4B

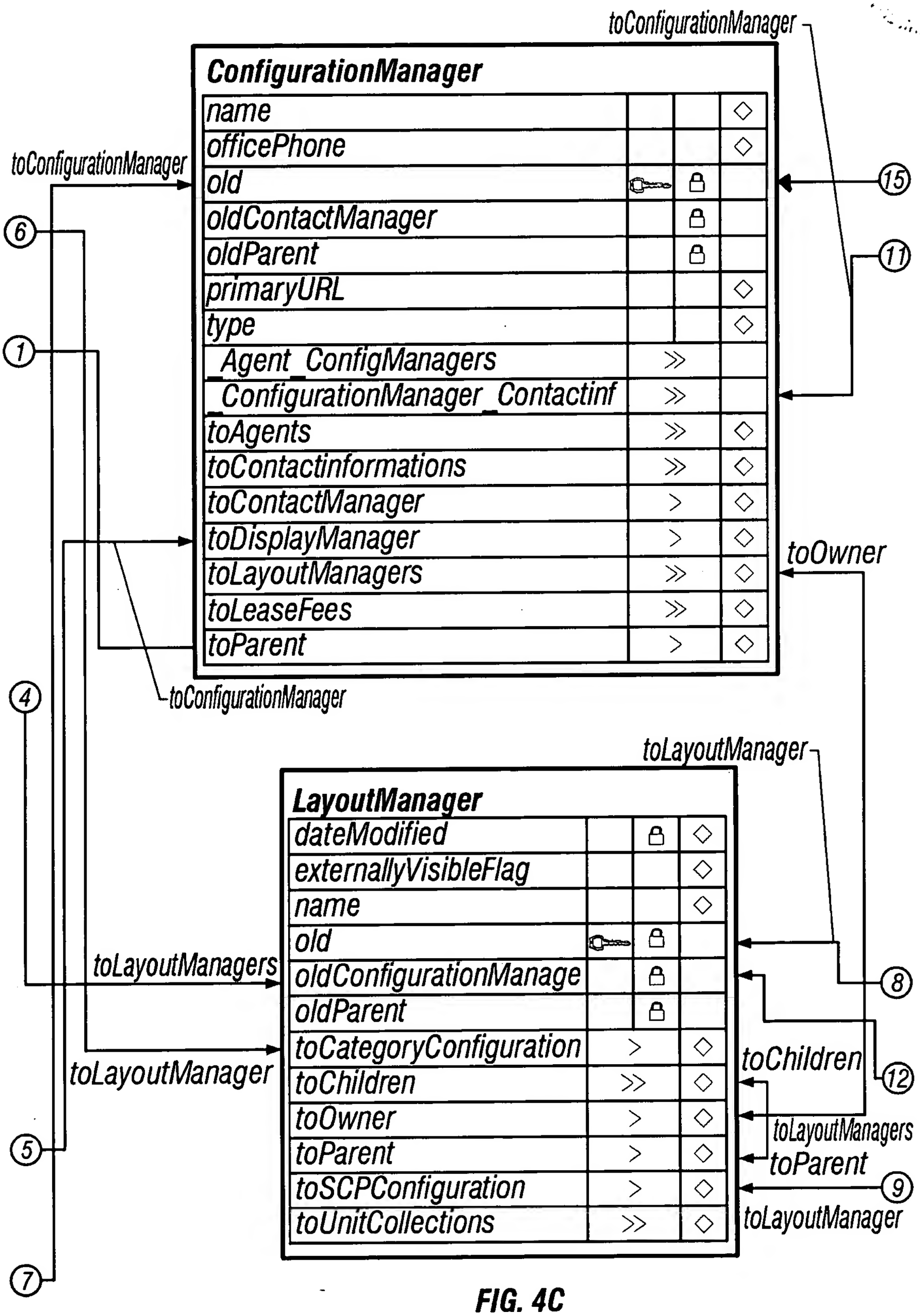
ConfigurationManager
name
officePhone
old
oldContactManager
oldParent
primaryURL
type
_Agent_ConfigManagers
_ConfigurationManager_Contactinf
toAgents
toContactinformations
toContactManager
toDisplayManager
toLayoutManagers
toLeaseFees
toParent
toConfigurationManager
toConfigurationManager
toConfigurationManager
toOwner
LayoutManager
dateModified
externallyVisibleFlag
name
old
oldConfigurationManage
oldParent
toCategoryConfiguration
toChildren
toOwner
toParent
toSCPConfiguration
toUnitCollections
toLayoutManagers
toLayoutManager
toLayoutManager
toChildren
toLayoutManagers
toParent
toLayoutManager
1
4
5
6
7
8
9
11
12
15

FIG. 4C

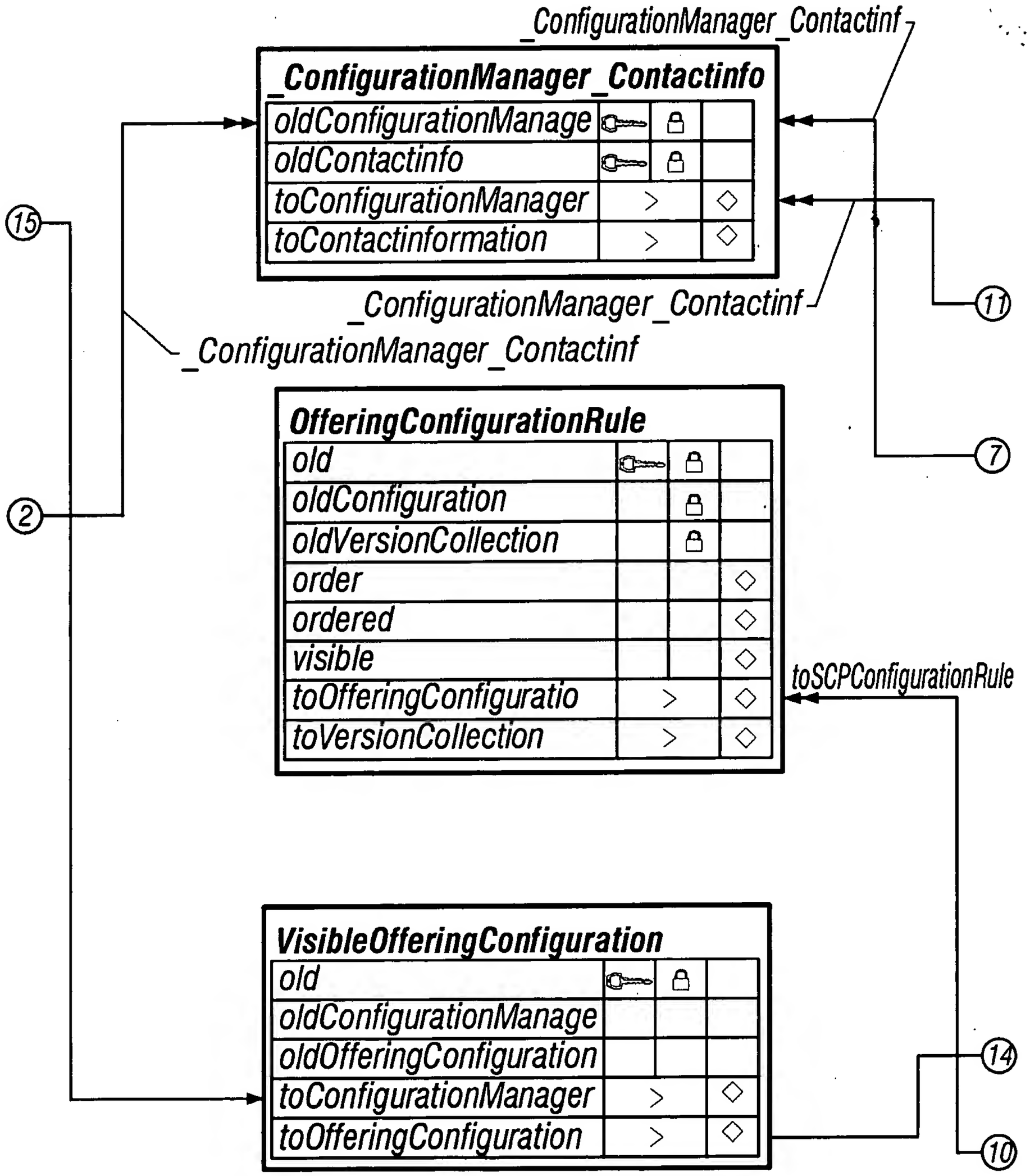
_ConfigurationManager_Contactinf
_ConfigurationManager_Contactinfo
oldConfigurationManage
oldContactinfo
toConfigurationManager
toContactinformation
_ConfigurationManager_Contactinf
_ConfigurationManager_Contactinf
15
11
7
2
OfferingConfigurationRule
old
oldConfiguration
oldVersionCollection
order
ordered
visible
toOfferingConfiguratio
toVersionCollection
toSCPConfigurationRule
VisibleOfferingConfiguration
old
oldConfigurationManage
oldOfferingConfiguration
toConfigurationManager
toOfferingConfiguration
14
10

FIG. 4D

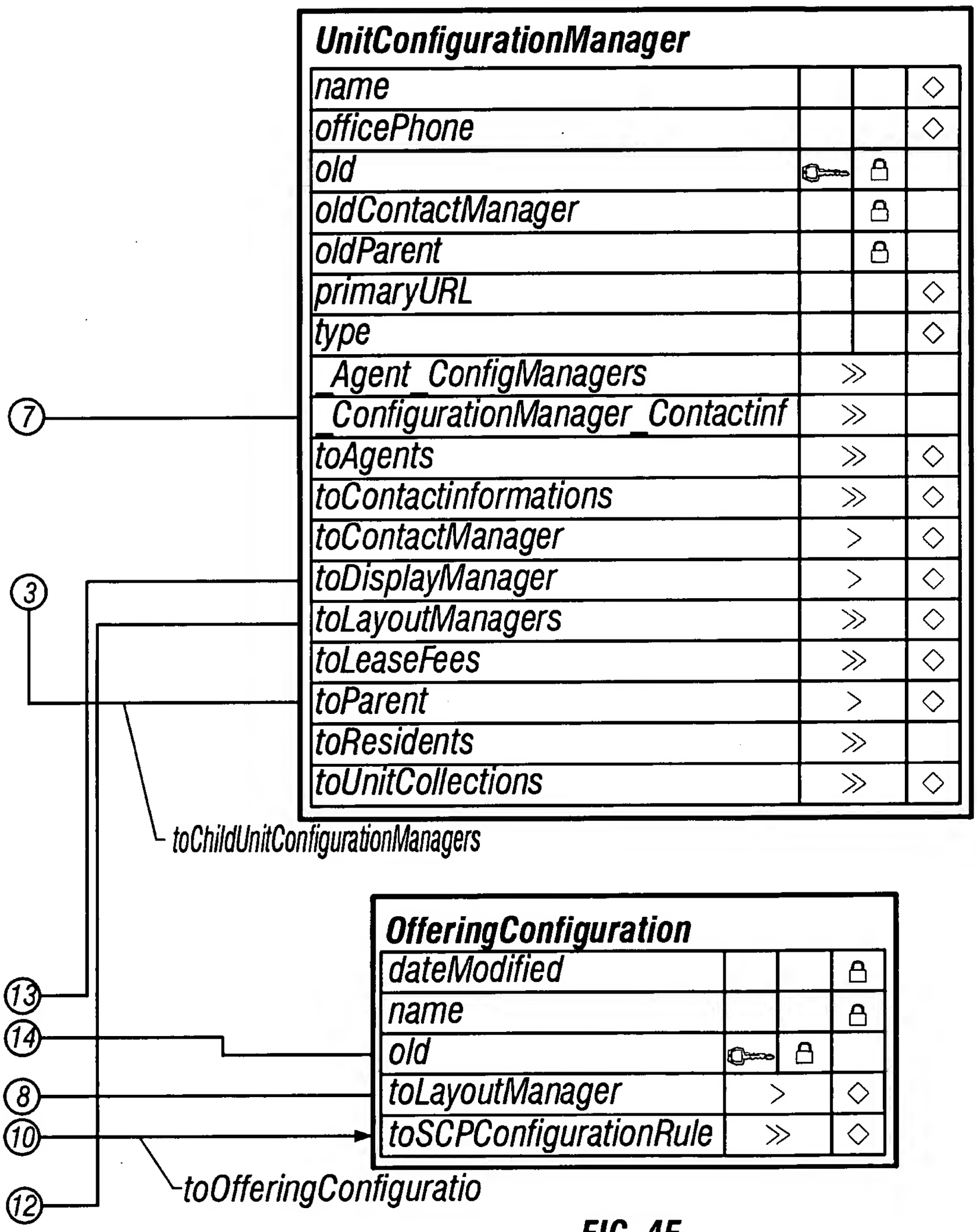
UnitConfigurationManager
name
officePhone
old
oldContactManager
oldParent
primaryURL
type
_Agent_ConfigManagers
_ConfigurationManager_Contactinf
toAgents
toContactinformations
toContactManager
toDisplayManager
toLayoutManagers
toLeaseFees
toParent
toResidents
toUnitCollections
7
3
toChildUnitConfigurationManagers
OfferingConfiguration
dateModified
name
old
toLayoutManager
toSCPConfigurationRule
13
14
8
10
12
toOfferingConfiguratio

FIG. 4E

EXPRESS Specification:

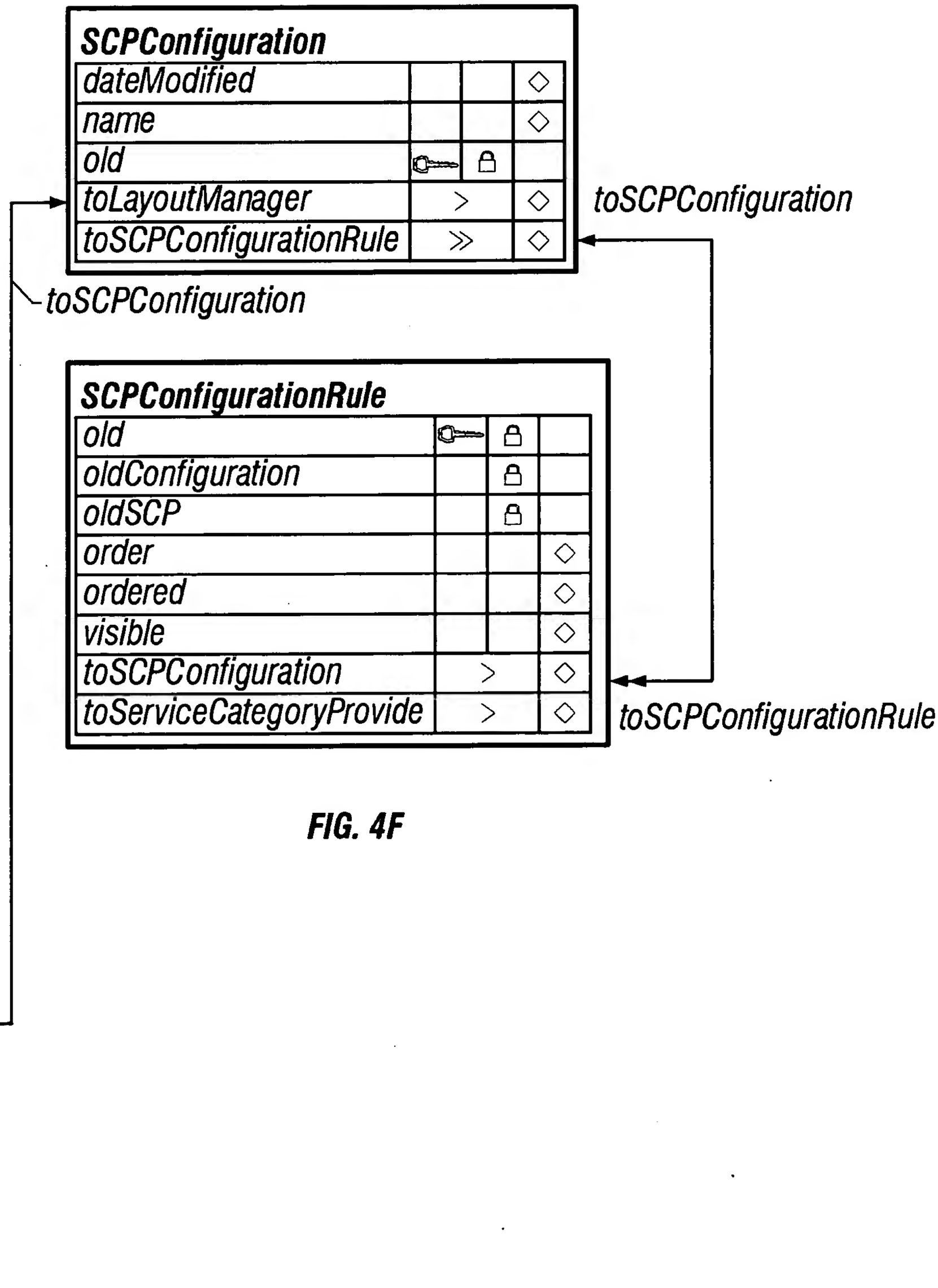

FIG. 4F

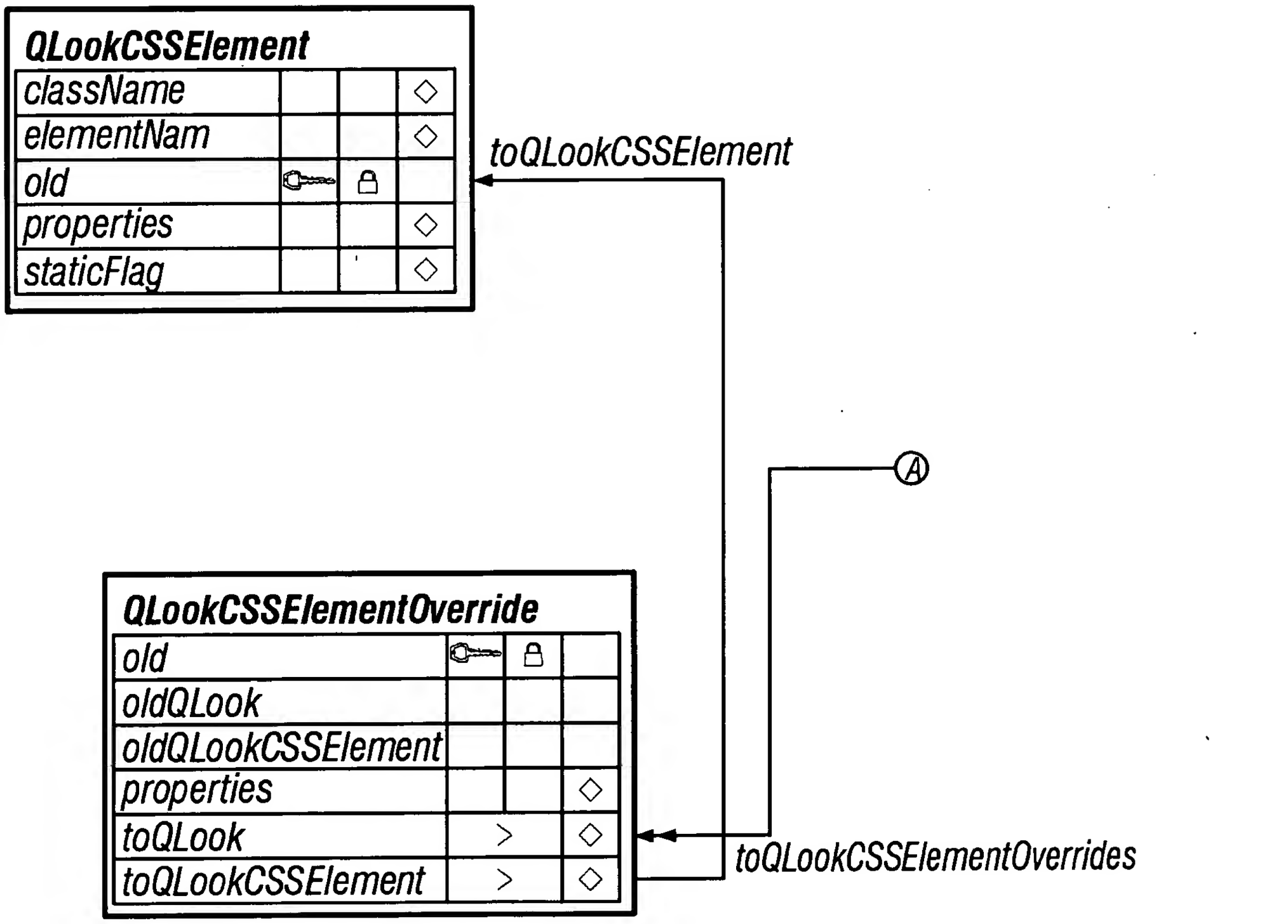
QLookCSSElement
className
elementNam
old
properties
staticFlag
toQLookCSSElement
A
QLookCSSElementOverride
old
oldQLook
oldQLookCSSElement
properties
toQLook
toQLookCSSElement
toQLookCSSElementOverrides

FIG. 5A

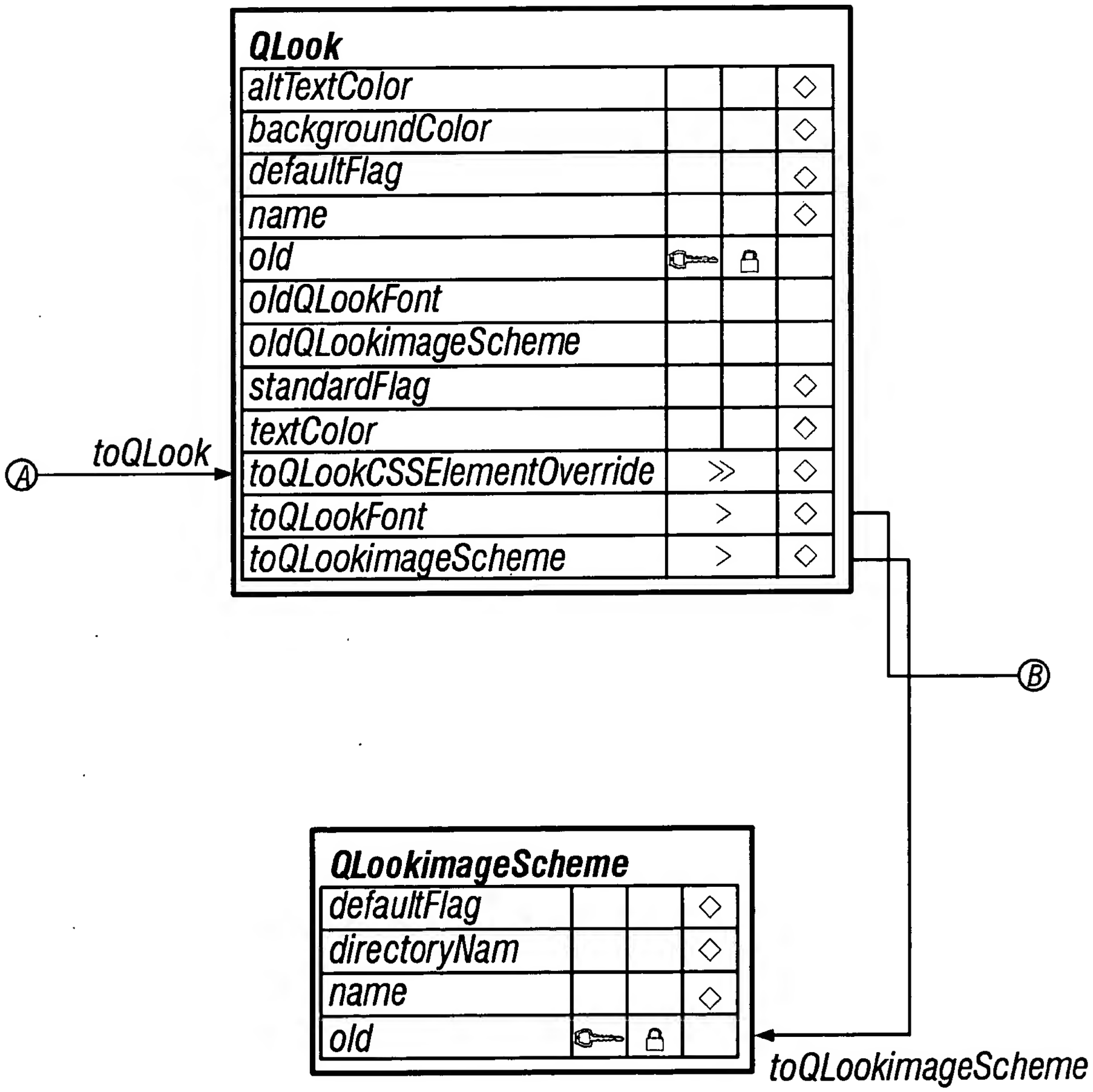

FIG. 5B

EFS-Web Document

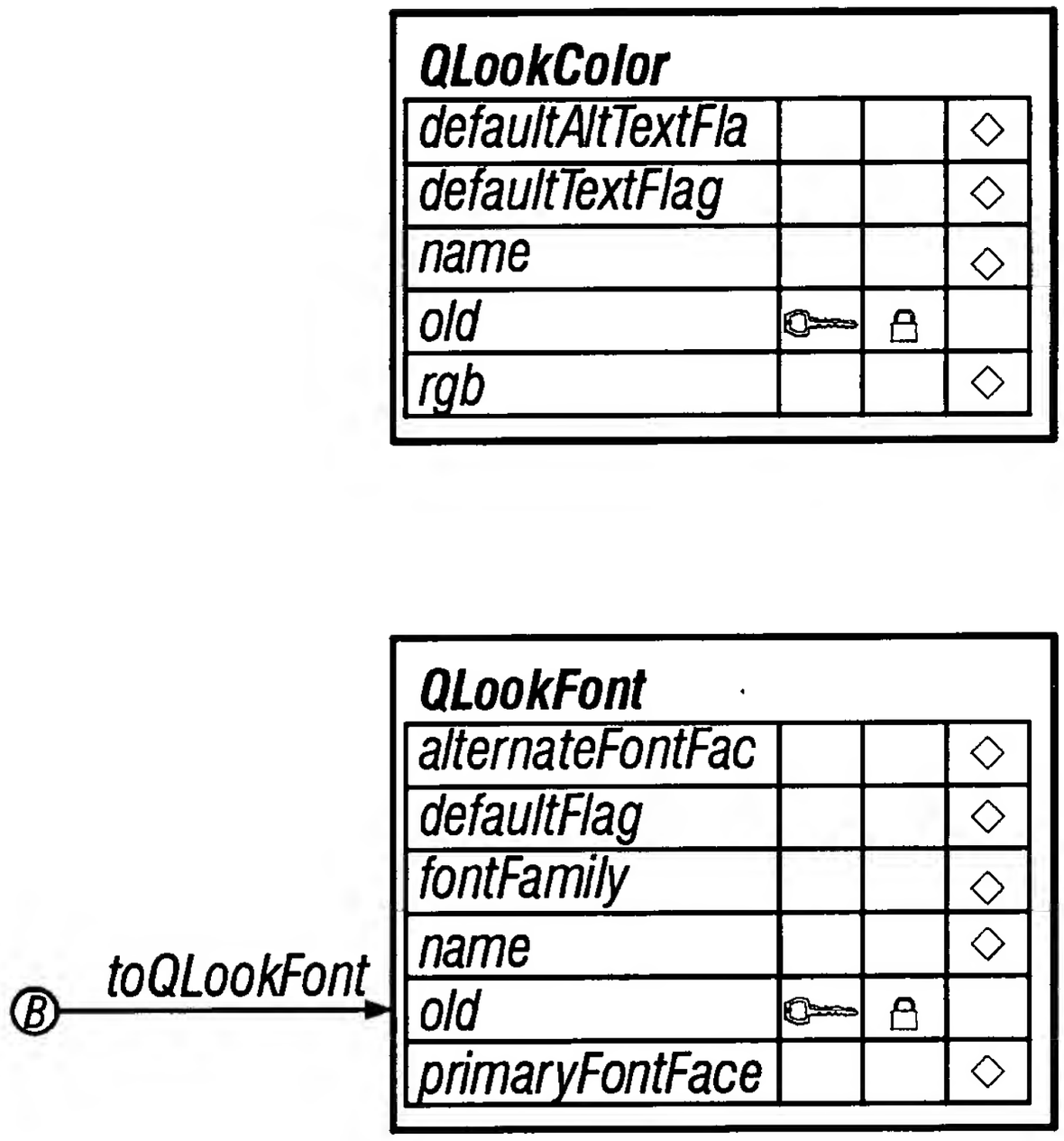

FIG. 5C

EDF-2008 US/2008/0100

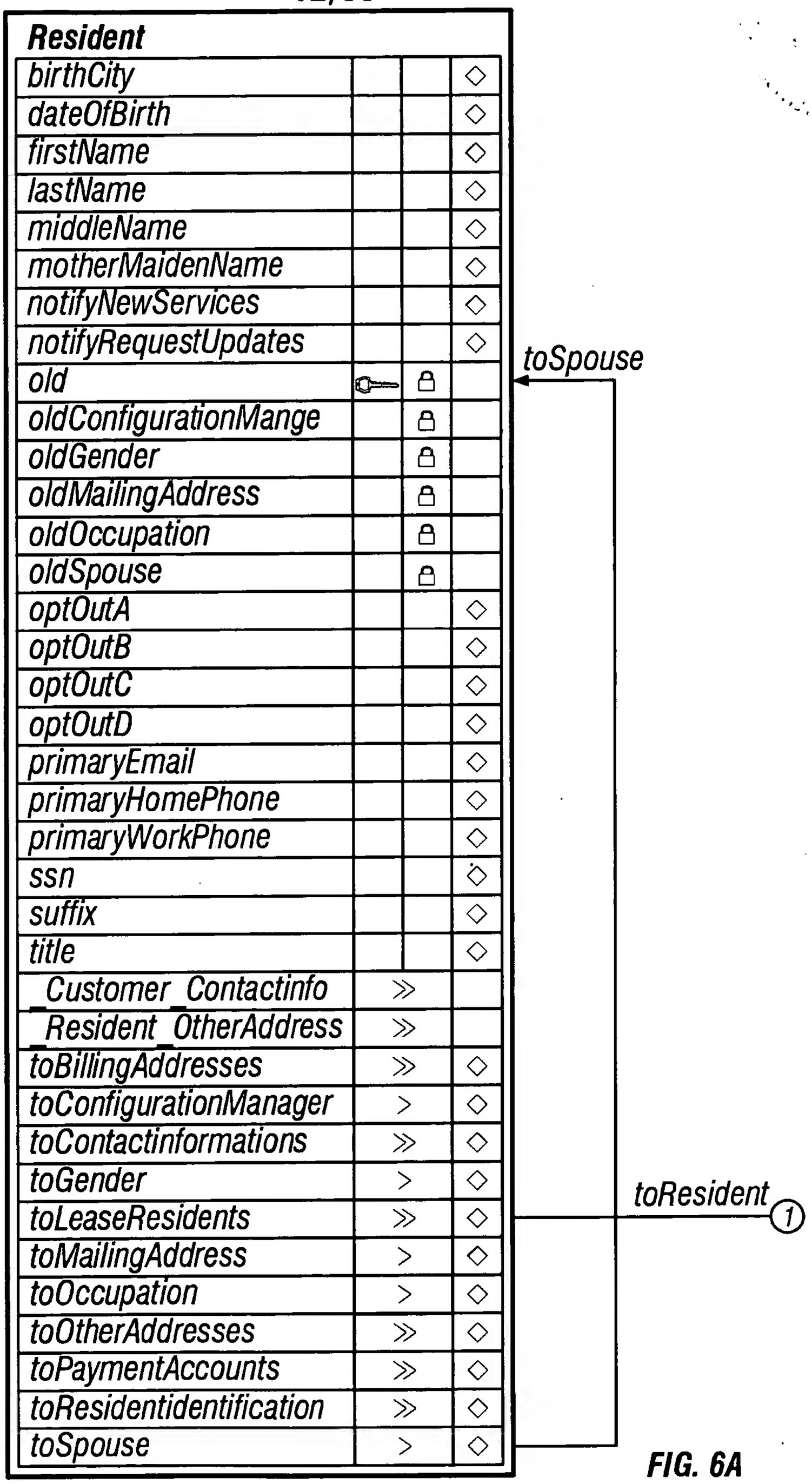

FIG. 6A

EDITED - SUBSTITUTE

DEFENDANT'S EXHIBIT

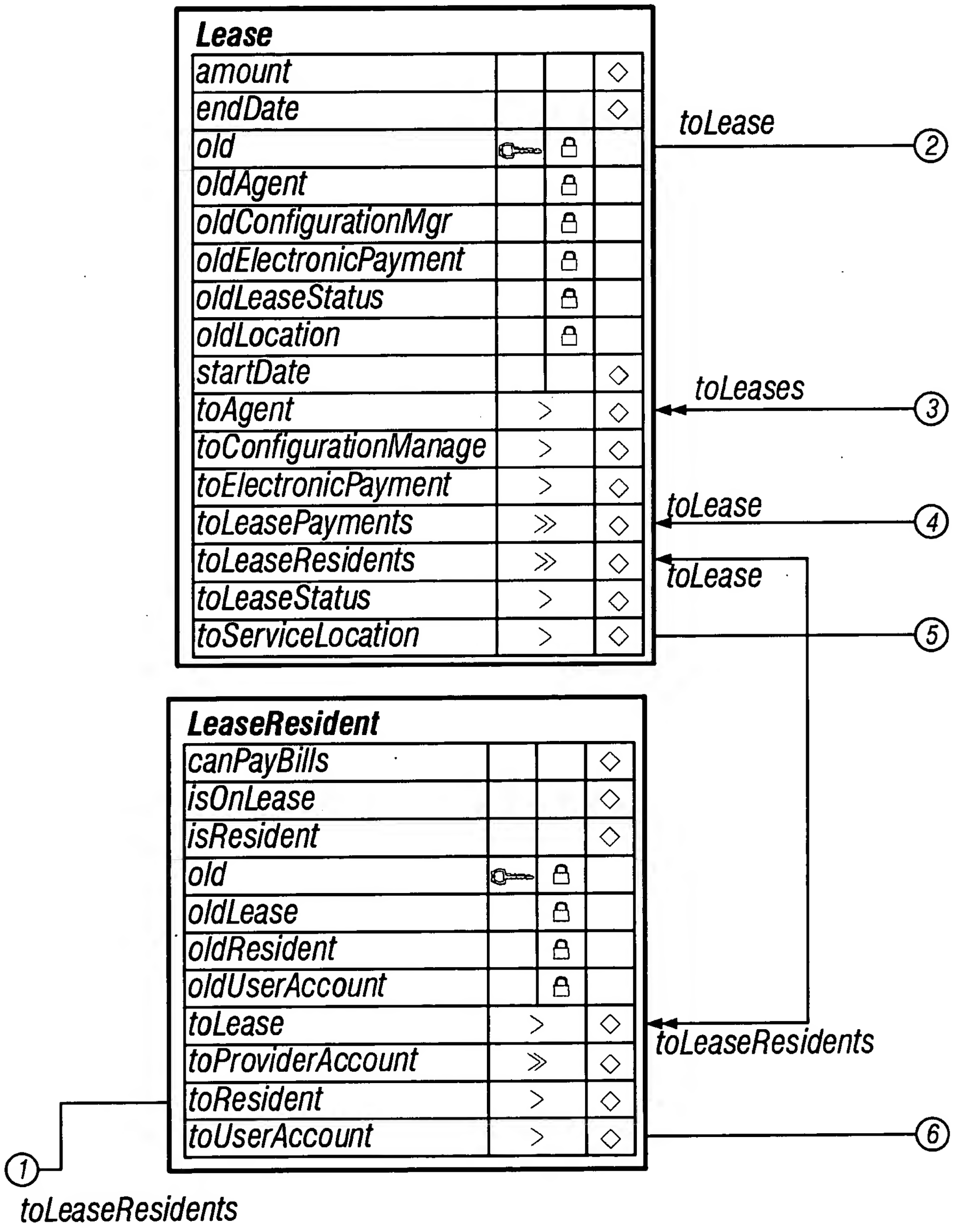

FIG. 6B

FOR FEDEX SHIPPING

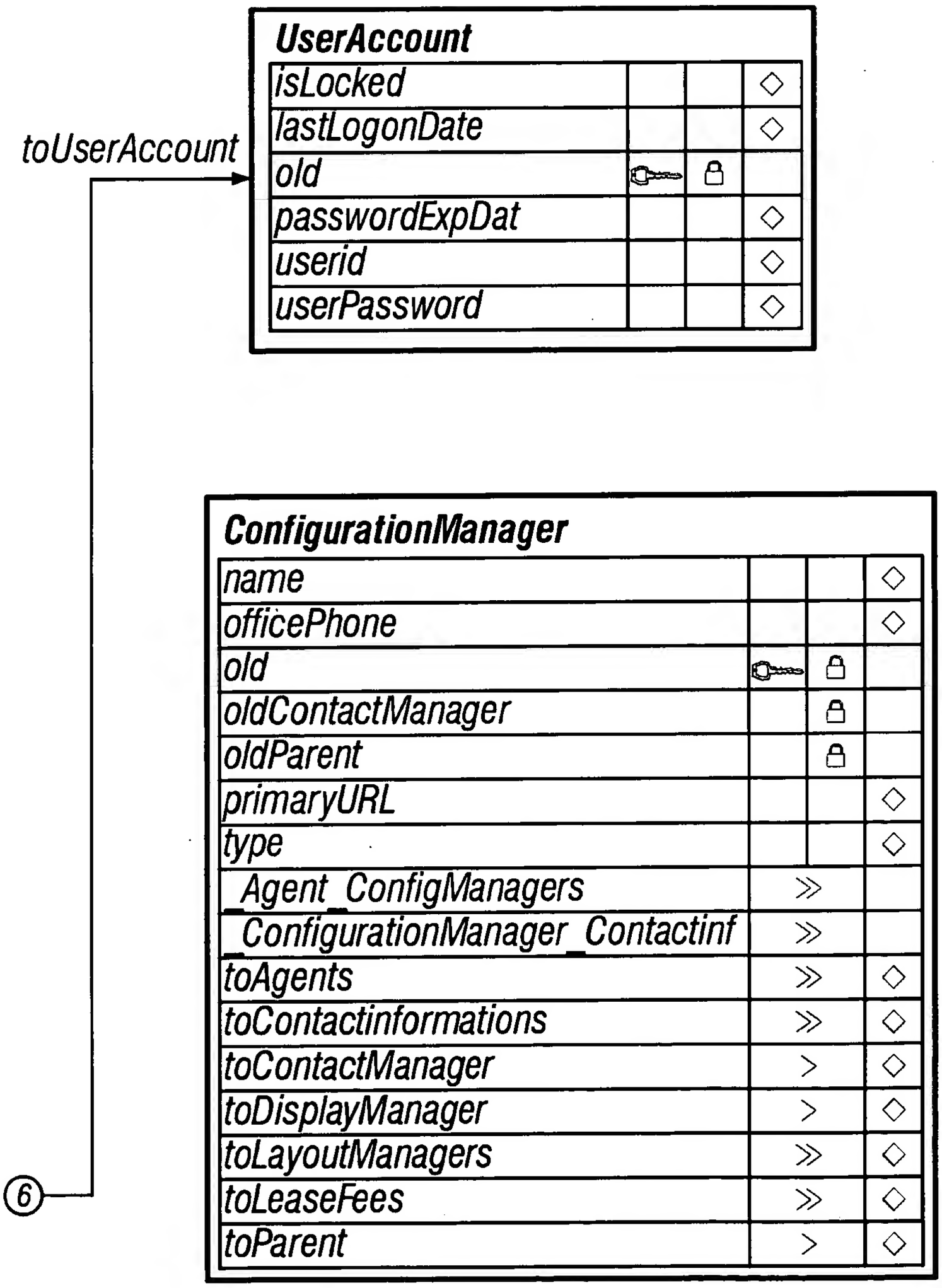

FIG. 6C

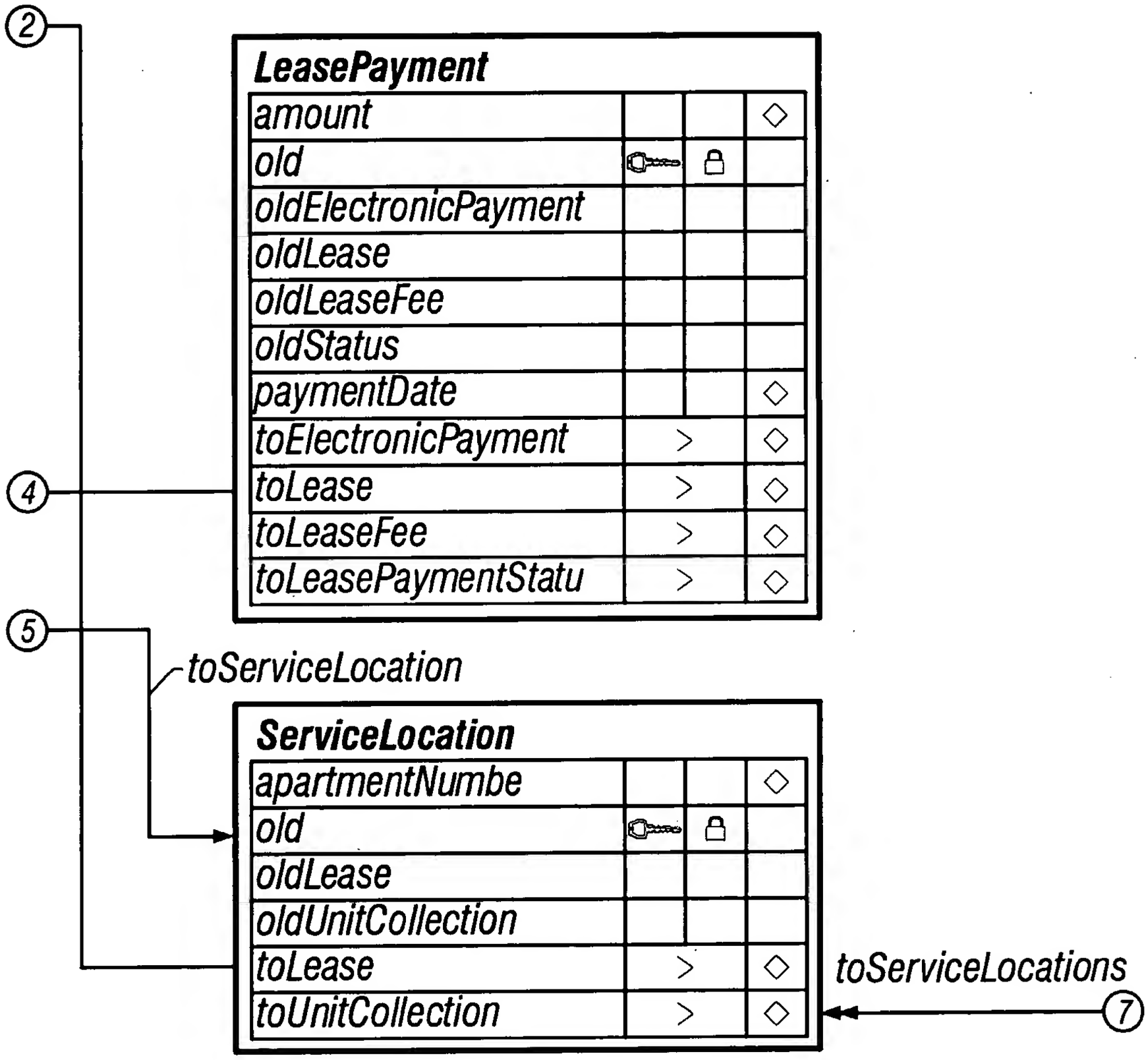
2
LeasePayment
amount
old
oldElectronicPayment
oldLease
oldLeaseFee
oldStatus
paymentDate
toElectronicPayment
toLease
toLeaseFee
toLeasePaymentStatu
4
5
toServiceLocation
ServiceLocation
apartmentNumbe
old
oldLease
oldUnitCollection
toLease
toUnitCollection
toServiceLocations
7

FIG. 6D

FOR EDD - 5/25/2006

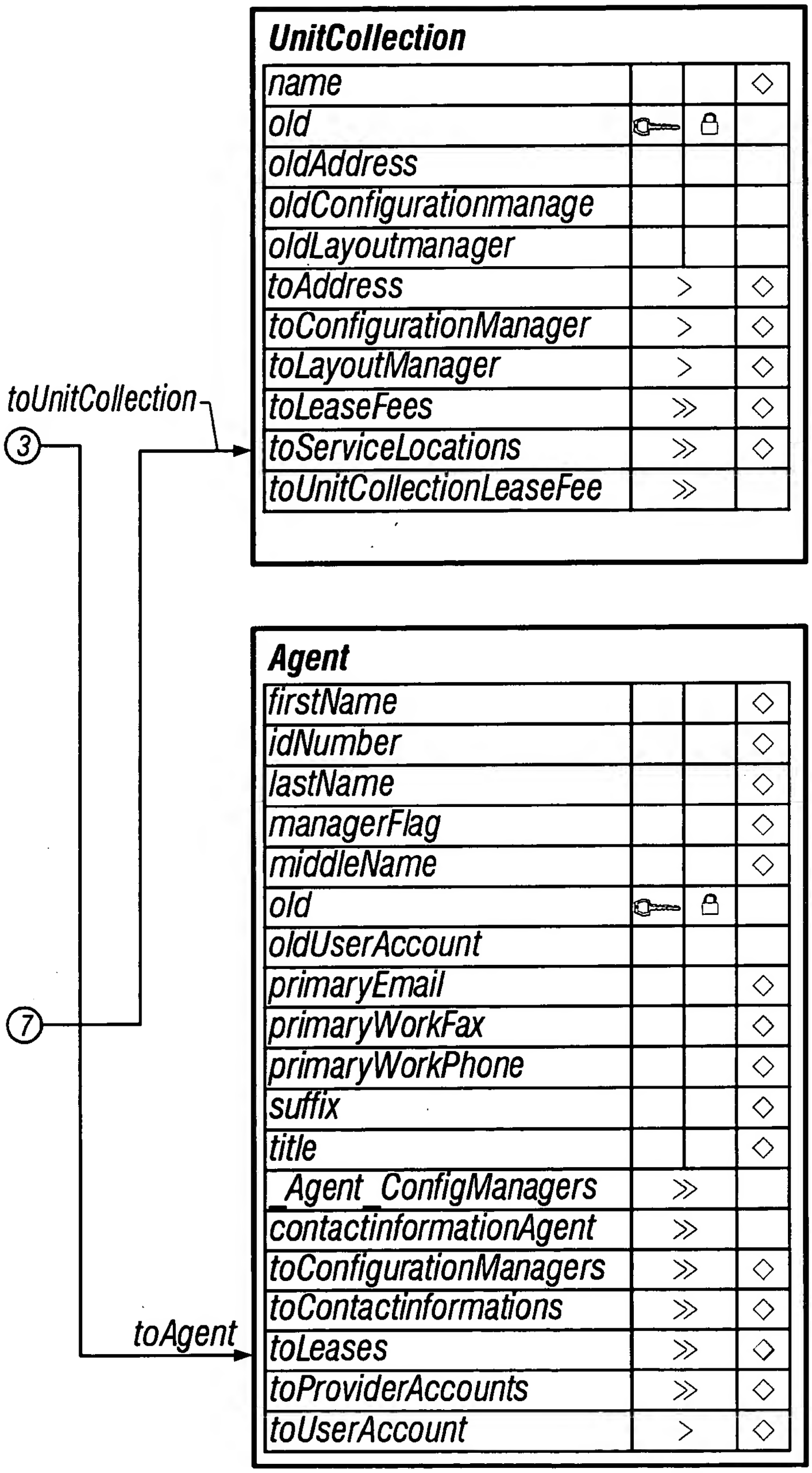

FIG. 6E

WELCOME TO QCORPS RESIDENTIAL, INC.!
510
ACCOUNT ID:
PASSWORD:
(CASE-SENSITIVE)
520
LOGIN
IF YOU HAVE LOST YOUR ACCOUNT ID OR PASSWORD,
YOU MUST CONTACT YOUR PROPERTY MANAGER TO ISSUE YOU
A NEW ACCOUNT ID AND PASSWORD. FOR HELP USING OUR SERVICE,
CLICK THE HOW TO USE OR FAQ AT THE BOTTOM OF EACH PAGE.
COPYRIGHT © 2000 QCORPS RESIDENTIAL, INC. ALL RIGHTS RESERVED.
HOW TO USE BEST PRICE GUARANTEE CREDIT CARD GUARANTEE PRIVACY AND SECURITY
TERMS OF USE FAQ FEEDBACK

FIG. 8

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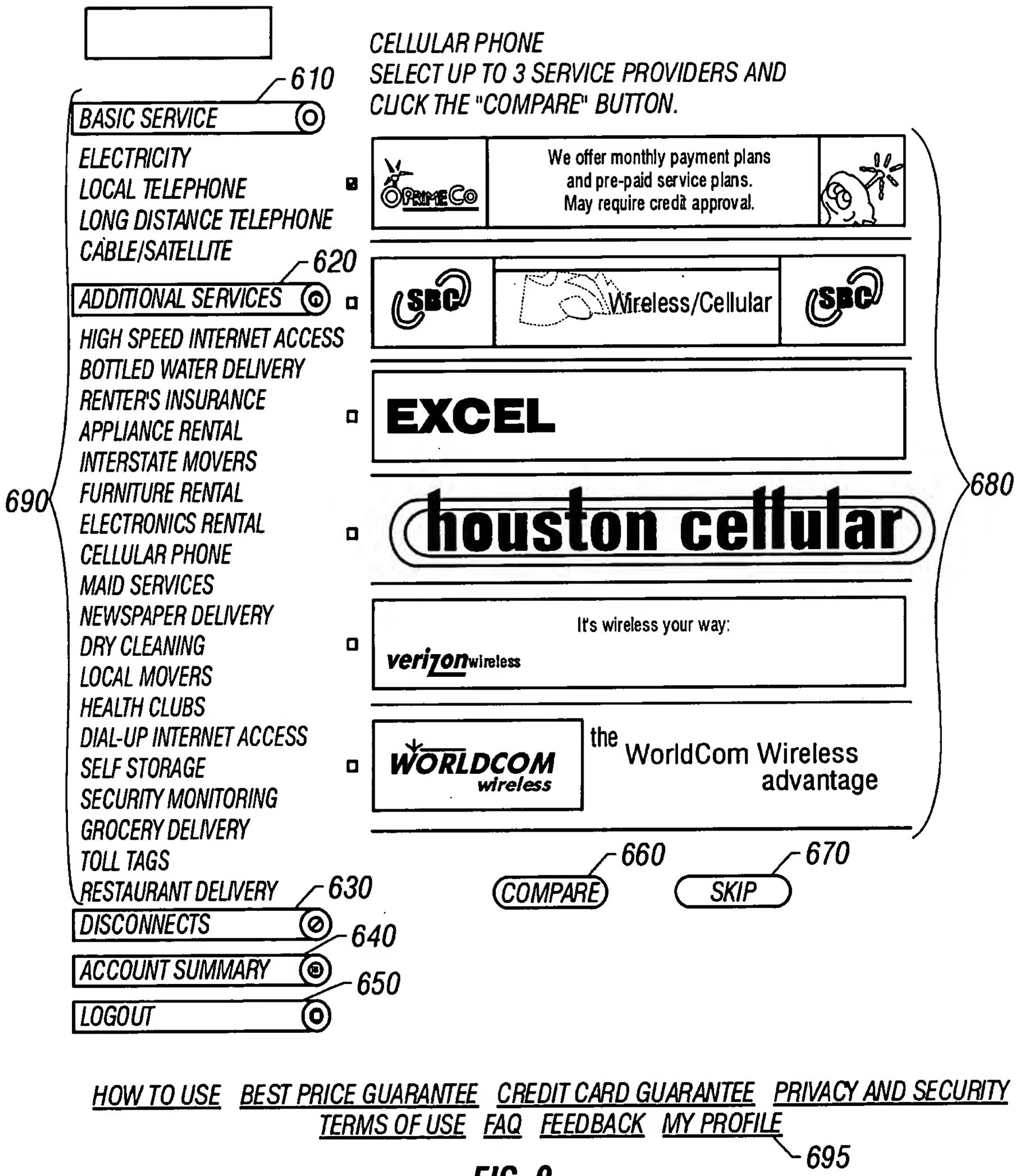
CELLULAR PHONE
SELECT UP TO 3 SERVICE PROVIDERS AND CLICK THE "COMPARE" BUTTON.
610
BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE
620
ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTER'S INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY
630
DISCONNECTS
640
ACCOUNT SUMMARY
650
LOGOUT
690
PRIMECO
We offer monthly payment plans and pre-paid service plans. May require credit approval.
SBC
Wireless/Cellular
SBC
EXCEL
houston cellular
It's wireless your way:
verizon wireless
WORLDCOM wireless
the WorldCom Wireless advantage
680
660
COMPARE
670
SKIP
HOW TO USE
BEST PRICE GUARANTEE
CREDIT CARD GUARANTEE
PRIVACY AND SECURITY
TERMS OF USE
FAQ
FEEDBACK
MY PROFILE
695

FIG. 9

19/55

CELLULAR PHONE
SELECT EITHER OR BOTH OF THE SERVICE PLANS AND CLICK THE "COMPARE" BUTTON.

BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE

ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTER'S INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY

DISCONNECTS
ACCOUNT SUMMARY
LOGOUT

	PRIMECO WIRELESS	FREE CALLING AREA	MONTHLY RATES	MONTHLY MINUTES	ADDITIONAL MINUTES
■	PRIMECO CALLING PLAN	STATE	$35-55	500-1000	.30
■	PRIMECO NOW PLUS CALLING PLAN	NATIONAL	$25-150	200-2200	.10-.35

710

COMPARE SKIP

HOW TO USE BEST PRICE GUARANTEE CREDIT CARD GUARANTEE PRIVACY AND SECURITY
TERMS OF USE FAQ FEEDBACK MY PROFILE

FIG. 10

20/55

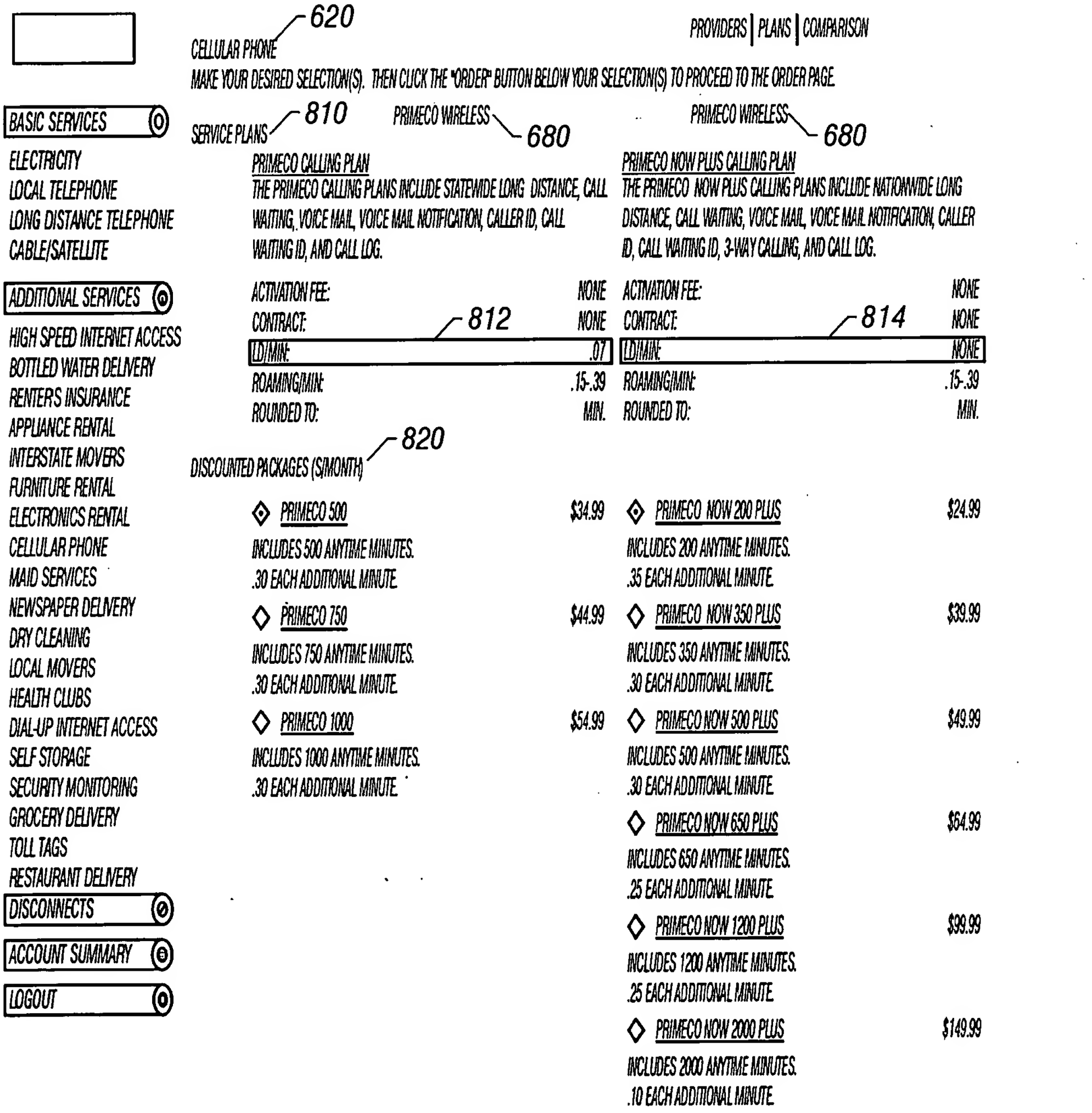

FIG. 11A-1

ADDITIONAL FEATURES (S/MONTH ADDED TO DISCOUNTED PACKAGE) 830		
HANDLING CALLS		
☐ CALL WAITING	INCLUDED	INCLUDED
☐ VOICE MAIL	INCLUDED	INCLUDED
☐ VOICE MAIL PLUS	N/A	N/A
☐ TEXT MESSAGING	$9.95	$9.95
☐ MESSAGING PLUS	N/A	N/A
IDENTIFYING THE CALLER		
☐ CALLER ID	INCLUDED	INCLUDED
☐ CALL WAITING ID	INCLUDED	INCLUDED
FORWARDING CALLS		
☐ CALL FORWARDING	$1.00	$1.00
☐ BUSY/NO ANSWER C.F.	N/A	N/A
CONFERENCE CALLING		
☐ THREE-WAY CALLING	$1.00	INCLUDED
ADDITIONAL MINUTES		
☐ 100 OFF-PEAK	N/A	$5.00
☐ 250 OFF-PEAK	N/A	N/A
☐ 300 OFF-PEAK	N/A	$10.00
☐ 500 OFF-PEAK	$5.00	N/A
☐ 1000 OFF-PEAK	$10.00	$20.00
CELLULAR SERVICES		
☐ ROADSIDE ASST.	$3.00	$3.00
☐ ONLINE	N/A	N/A
☐ ONLINE PLUS	N/A	N/A
☐ DETAILED BILLING	$1.50	$1.50
☐ MAINTENANCE	$4.95	$4.95
OPTIONAL FEATURES (S/MONTH UNLESS MARKED WITH *)		
☐ QUAICOMM 1960	$39.00*	☐ QUAICOMM 1960 $39.00*
☑ NOKIA 6185	$119.00*	☑ NOKIA 6185 $119.00*
☐ AUDIOVOX PCX-3500XL	$129.00*	☐ AUDIOVOX PCX-3500XL $129.00*
☐ 750 WEEKEND MINUTES	$7.50	
SERVICE CHARGE	$34.99/MONTH	$24.99/MONTH
INITIAL CHARGE	$119.00	$119.00

840 CALCULATE CHARGES

850 ORDER PRIMECO WIRELESS

850 ORDER PRIMECO WIRELESS

860 SKIP

FIG. 11A-2

PTO/SB/08a - 07/06

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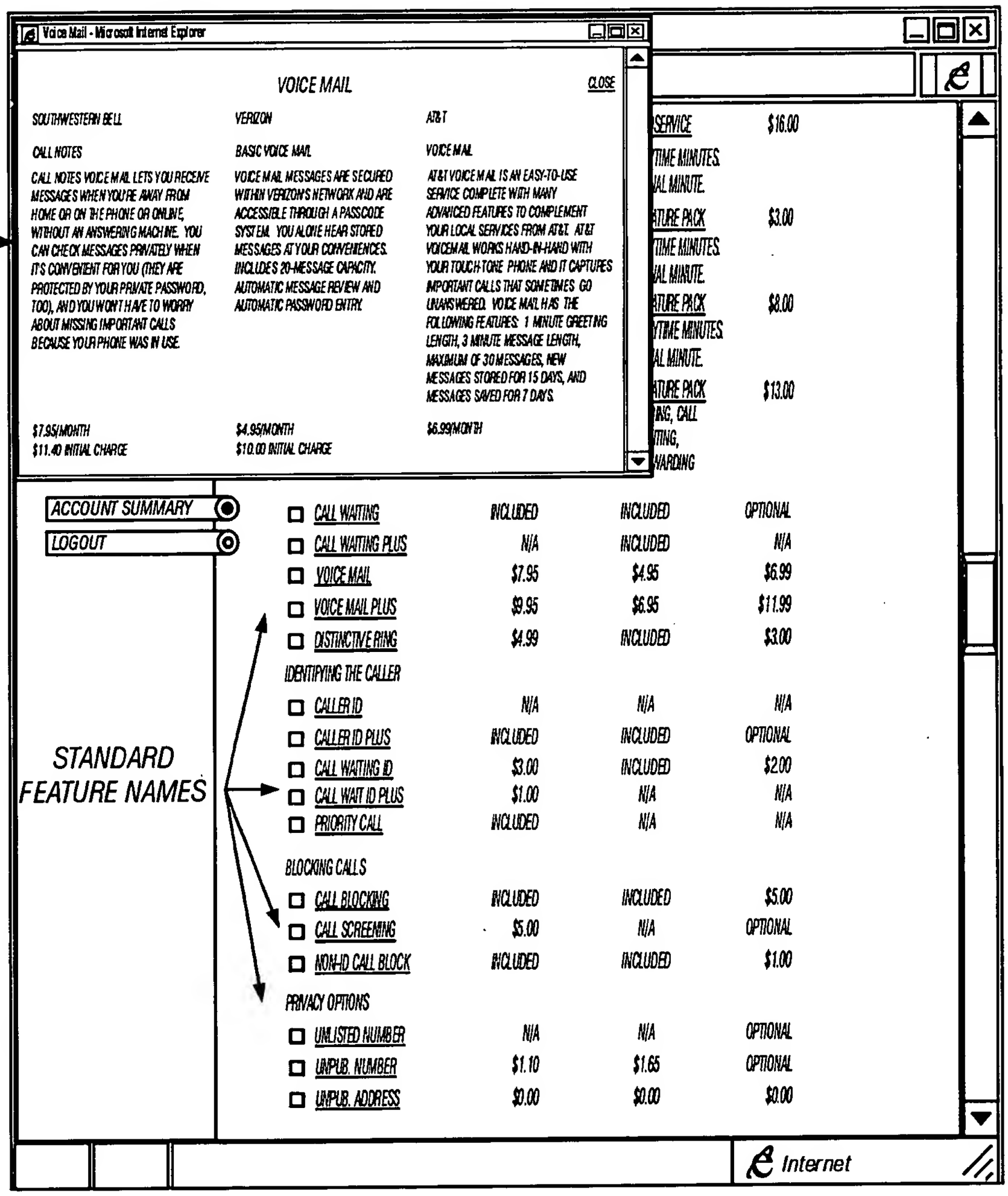
FOR 2008-00100



THE POP-UP WINDOW ALLOWS FOR THREE-PROVIDER COMPARISON FOR STANDARD FEATURES WITH THEIR OWN BRANDED NAME AND THE STANDARD NAME.

FIG. 11B

23/55

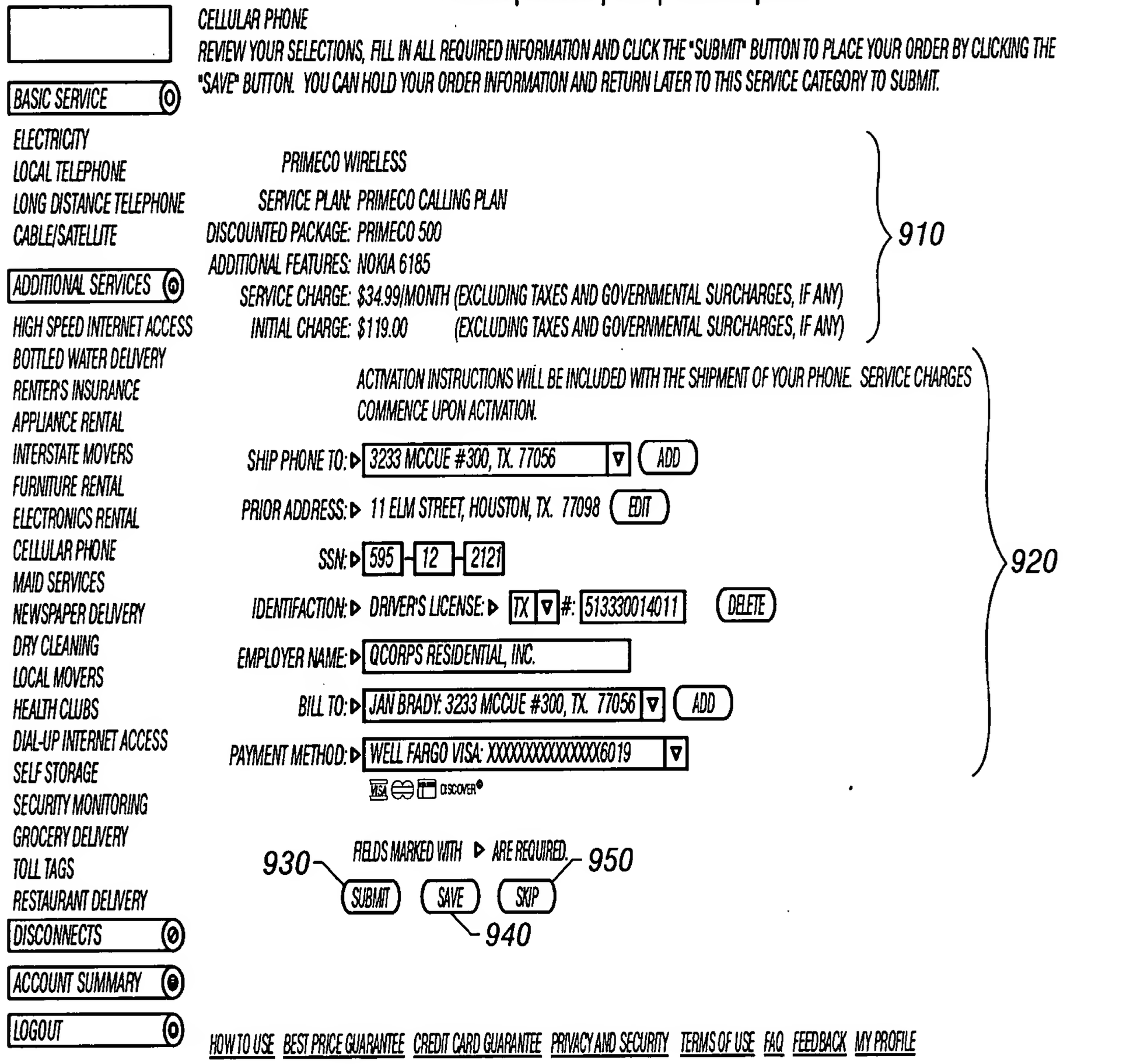

ACCOUNTS | PROVIDERS | PLANS | COMPARISON | ORDER
CELLULAR PHONE
REVIEW YOUR SELECTIONS, FILL IN ALL REQUIRED INFORMATION AND CLICK THE "SUBMIT" BUTTON TO PLACE YOUR ORDER BY CLICKING THE "SAVE" BUTTON. YOU CAN HOLD YOUR ORDER INFORMATION AND RETURN LATER TO THIS SERVICE CATEGORY TO SUBMIT.
BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE
ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTER'S INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY
DISCONNECTS
ACCOUNT SUMMARY
LOGOUT
PRIMECO WIRELESS
SERVICE PLAN: PRIMECO CALLING PLAN
DISCOUNTED PACKAGE: PRIMECO 500
ADDITIONAL FEATURES: NOKIA 6185
SERVICE CHARGE: $34.99/MONTH (EXCLUDING TAXES AND GOVERNMENTAL SURCHARGES, IF ANY)
INITIAL CHARGE: $119.00 (EXCLUDING TAXES AND GOVERNMENTAL SURCHARGES, IF ANY)
910
ACTIVATION INSTRUCTIONS WILL BE INCLUDED WITH THE SHIPMENT OF YOUR PHONE. SERVICE CHARGES COMMENCE UPON ACTIVATION.
SHIP PHONE TO: 3233 MCCUE #300, TX. 77056 ADD
PRIOR ADDRESS: 11 ELM STREET, HOUSTON, TX. 77098 EDIT
SSN: 595 - 12 - 2121
IDENTIFACTION: DRIVER'S LICENSE: TX #: 513330014011 DELETE
EMPLOYER NAME: QCORPS RESIDENTIAL, INC.
BILL TO: JAN BRADY: 3233 MCCUE #300, TX. 77056 ADD
PAYMENT METHOD: WELL FARGO VISA: XXXXXXXXXXXXXX6019
920
FIELDS MARKED WITH ▷ ARE REQUIRED.
930
SUBMIT
SAVE
SKIP
940
950
HOW TO USE BEST PRICE GUARANTEE CREDIT CARD GUARANTEE PRIVACY AND SECURITY TERMS OF USE FAQ FEEDBACK MY PROFILE

FIG. 12

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BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE
ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTER'S INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY
DISCONNECTS
ACCOUNT SUMMARY
LOGOUT

DISCONNECTS
1010
DISCONNECT SERVICE FROM ACCOUNTS INITIATED ON THIS SITE
YOU MAY DISCONNECT SERVICES FROM PROVIDER ACCOUNTS THAT YOU HAVE INITIATED USING THIS SITE. IF YOU HAVE ACTIVE ACCOUNT CHOOSE ONE FROM THE LIST AND CLICK THE "SELECT" BUTTON.
YOU DO NOT HAVE ANY ACTIVE ACCOUNTS.
1020
DISCONNECT SERVICE FROM OTHER ACCOUNTS
YOU MAY ALSO BE ABLE TO DISCONNECT SERVICES THAT YOU HAVE NOT INITIATED THROUGH THIS SITE. IF YOU HAVE INPUT ADDRESS THIS SYSTEM, CHOOSE OF YOUR CURRENT OR PRIOR ADDRESSES FROM THE DROP DOWN MENU AND CLICK THE "SELECT" BUTTON.
1025
ADDRESS: 1 MAIN ST #1000, TX. 77041
SELECT
1030
CURRENT DISCONNECTS
REVIEW THE STATUS OF OUR DISCONNECT ORDERS BELOW. SAVED DISCONNECT INFORMATION MAY BE EDITED AND SUBMITTED BY CLICKING "EDIT/SUBMIT". IF YOUR ORDER HAS BEEN SUBMITTED, YOUR SERVICE PROVIDER WILL FULFILL THIS DISCONNECT ORDER. IF YOU ORDER IS PENDING, YOU MAY CANCEL THIS ORDER BY CLICKING "CANCEL". YOU MAY DISCONNECT EXISTING ACCOUNTS BY CHOOSING THE ACCOUNT CATEGORY FROM THE MENU AND CLICKING THE "DISCONNECT" LINK ON THAT PAGE.
YOU DO NOT HAVE ANY DISCONNECT ORDERS
SKIP
HOW TO USE BEST PRICE GUARANTEE CREDIT CARD GUARANTEE PRIVACY AND SECURITY TERMS OF USE FAQ FEEDBACK MY PROFILE

FIG. 13

25/55

MY PROFILE
GENERAL INFORMATION 1110

MY PROFILE DISPLAYS ALL INFORMATION ENTERED ABOUT YOU ON THIS SITE. GENERAL INFORMATION MAY BE ENTERED AND EDITED ONLY BY YOU AND OUR LEASING SPECIALISTS, EXCEPT FOR YOUR NAME AND SERVICE ADDRESS, WHICH MAY ONLY BE ENTERED AND EDITED BY OUR LEASING SPECIALISTS. ALL OTHER INFORMATION MAY ONLY BE ENTERED AND EDITED BY YOU. YOU ARE ENCOURAGED TO REVIEW OUR PRIVACY AND SECURITY STATEMENT REGARDING THE USE AND DISSEMINATION OF THIS INFORMATION. YOUR EDITS TO MY PROFILE MAY UPDATE INFORMATION CONTAINED IN PENDING ORDERS, AS WELL AS SAVED ORDER INFORMATION. ACCORDINGLY, BE VERY CAREFUL NOT TO DELETE ANY INFORMATION THAT IS REQUIRED FOR SERVICE PROVIDERS TO FULFILL PENDING ORDERS.

BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE

ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTERS INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY

DISCONNECTS

ACCOUNT SUMMARY

LOGOUT

NAME: JULIE YOUM
SERVICE ADDRESS: 3233 MCCUE #1000
HOUSTON, TX. 77056
EMAIL ADDRESS: JULIE@QCORPS.COM
PRIOR ADDRESS: 180 WEST END #AAA
NEW YORK, NY. 10023
EVENING PHONE: (713) 555-1212
DAY PHONE:
PHONE (CELL): (123) 456-6789
OTHER ADDRESSES:
ACCOUNT ID: JULIEYOUM CHANGE
PASSWORD: ********** CHANGE

1115

BILLING ADDRESSES 1120

EMAIL: JULIE@QCORPS.COM
U.S. MAIL: MISS JULIE YOUM : 1 MAIN ST, #1000, TEST STREET32, HOLLYWOOD, TX 77041
SOMECOUNTY COUNTY

PERSONAL INFORMATION 1130

SOCIAL SECURITY NUMBER: 123-45-6789
DATE OF BIRTH: OCTOBER 07, 1977
MOTHER'S MAIDEN NAME: MOUNTAINDEW
BIRTH CITY:

IDENTIFICATION INFORMATION 1140

DRIVER'S LICENSE: NY:10023

FINANCIAL INSTITUTION ACCOUNT INFORMATION 1150

NONE

CREDIT CARD INFORMATION 1160

QCORPS VISA: XXXXXXXXXXXX1111

HOW TO USE BEST PRICE GUARANTEE CREDIT CARD GUARANTEE PRIVACY AND SECURITY TERMS OF USE FAQ FEEDBACK MY PROFILE

FIG. 14

FOR 508 SEEDS

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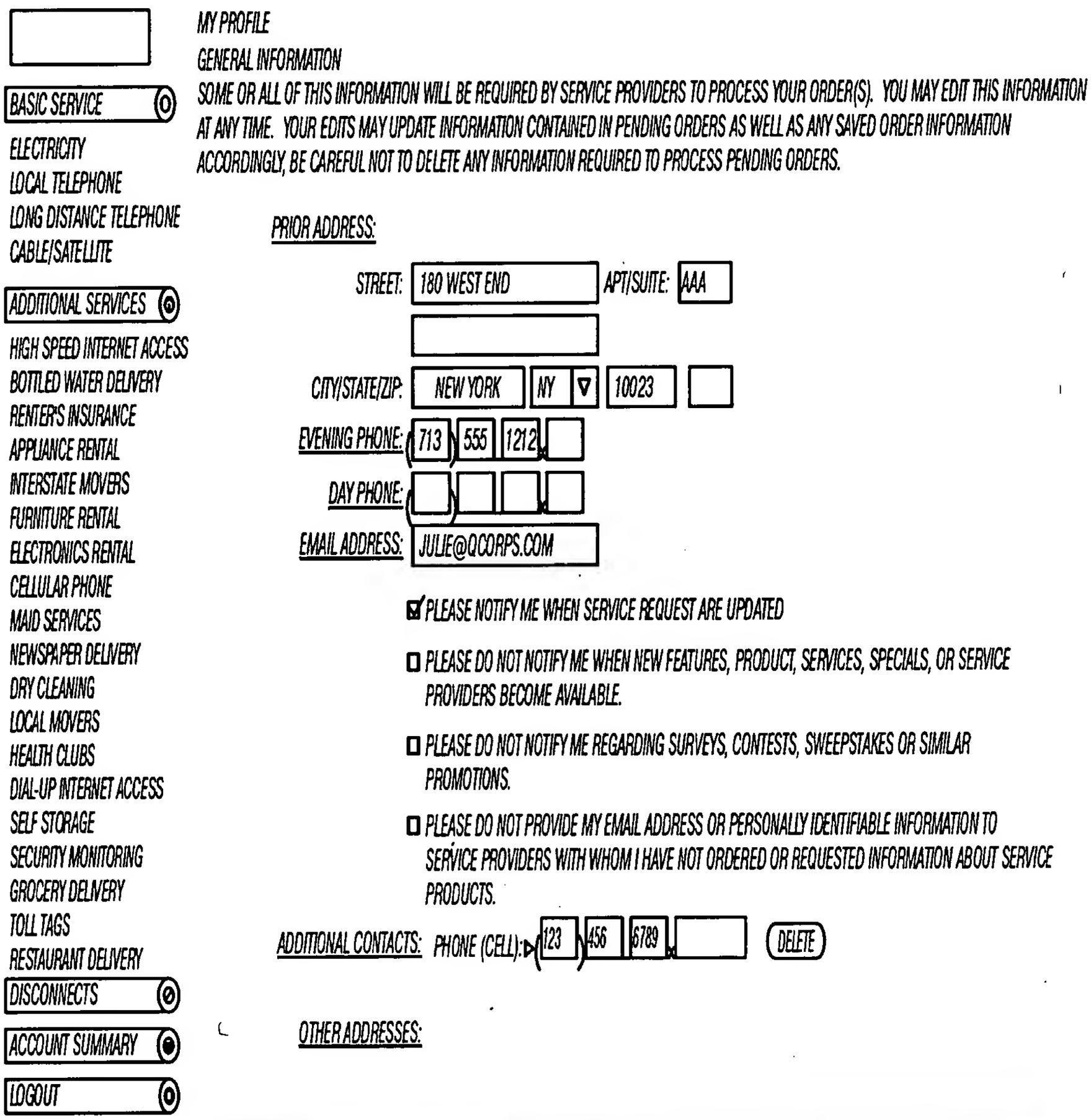
MY PROFILE
GENERAL INFORMATION
SOME OR ALL OF THIS INFORMATION WILL BE REQUIRED BY SERVICE PROVIDERS TO PROCESS YOUR ORDER(S). YOU MAY EDIT THIS INFORMATION AT ANY TIME. YOUR EDITS MAY UPDATE INFORMATION CONTAINED IN PENDING ORDERS AS WELL AS ANY SAVED ORDER INFORMATION ACCORDINGLY, BE CAREFUL NOT TO DELETE ANY INFORMATION REQUIRED TO PROCESS PENDING ORDERS.
BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE
ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTER'S INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY
DISCONNECTS
ACCOUNT SUMMARY
LOGOUT
PRIOR ADDRESS:
STREET: 180 WEST END
APT/SUITE: AAA
CITY/STATE/ZIP: NEW YORK NY 10023
EVENING PHONE: 713 555 1212
DAY PHONE:
EMAIL ADDRESS: JULIE@QCORPS.COM
PLEASE NOTIFY ME WHEN SERVICE REQUEST ARE UPDATED
PLEASE DO NOT NOTIFY ME WHEN NEW FEATURES, PRODUCT, SERVICES, SPECIALS, OR SERVICE PROVIDERS BECOME AVAILABLE.
PLEASE DO NOT NOTIFY ME REGARDING SURVEYS, CONTESTS, SWEEPSTAKES OR SIMILAR PROMOTIONS.
PLEASE DO NOT PROVIDE MY EMAIL ADDRESS OR PERSONALLY IDENTIFIABLE INFORMATION TO SERVICE PROVIDERS WITH WHOM I HAVE NOT ORDERED OR REQUESTED INFORMATION ABOUT SERVICE PRODUCTS.
ADDITIONAL CONTACTS: PHONE (CELL): 123 456 6789
DELETE
OTHER ADDRESSES:
FIELDS MARKED WITH ▷ ARE REQUIRED.
SAVE
CANCEL
HOW TO USE BEST PRICE GUARANTEE CREDIT CARD GUARANTEE PRIVACY AND SECURITY TERMS OF USE FAQ FEEDBACK MY PROFILE

FIG. 15

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ACCOUNT SUMMARY
PRINTER FRIENDLY REPORT

BASIC SERVICE
ELECTRICITY
LOCAL TELEPHONE
LONG DISTANCE TELEPHONE
CABLE/SATELLITE

ADDITIONAL SERVICES
HIGH SPEED INTERNET ACCESS
BOTTLED WATER DELIVERY
RENTER'S INSURANCE
APPLIANCE RENTAL
INTERSTATE MOVERS
FURNITURE RENTAL
ELECTRONICS RENTAL
CELLULAR PHONE
MAID SERVICES
NEWSPAPER DELIVERY
DRY CLEANING
LOCAL MOVERS
HEALTH CLUBS
DIAL-UP INTERNET ACCESS
SELF STORAGE
SECURITY MONITORING
GROCERY DELIVERY
TOLL TAGS
RESTAURANT DELIVERY

DISCONNECTS

ACCOUNT SUMMARY

LOGOUT

JULIE YOUM
ADDRESS: PROVIDENCE UPTOWN
3233 MCCUE # 1000
HOUSTON, TX 77056

ACCOUNT ID: JULIEYOUM
DATE/TIME: DEC 06, 2000
09:20:10 PM

THIS ACCOUNT SUMMARY LISTS ALL OF THE SERVICES AND PRODUCTS ORDERED THROUGH THIS SITE, AS WELL AS ORDER INFORMATION FOR YOUR FURTHER CONSIDERATION. WE HOPE YOU ENJOYED THIS SERVICE BROUGHT TO YOU BY WWW.TCRESIDENTIAL.COM AND QCORP RESIDENTIAL, INC.

ELECTRICITY: **RELIANT ENERGY - HL&P**
STATUS: ORDER INFORMATION HAS BEEN SAVED. THIS ORDER HAS NOT BEEN SUBMITTED.
EDIT/SUBMIT CANCEL
ORDER NUMBER: SP1000057
SERVICE PLAN: BALANCED BILLING
BILL TO:
PAYMENT METHOD: CHECK

LOCAL TELEPHONE: **AT&T**
STATUS: ORDER INFORMATION HAS BEEN SAVED. THIS ORDER HAS NOT BEEN SUBMITTED.
EDIT/SUBMIT CANCEL
ORDER NUMBER: SP1000173
CUSTOMER SERVICE:
SERVICE PLAN: LOCAL SERVICE
DISCOUNTED PACKAGE: 3 FEATURE PACK WITH:
CALL WAITING CALLER ID - NAME AND NUMBER THREE-WAY
ADDITIONAL FEATURES: NONE SELECTED
START DATE: MON 06 NOV 2000
BILL TO:
PAYMENT METHOD: CHECK

LOCAL TELEPHONE: **SOUTHWESTERN BELL**
STATUS: ORDER INFORMATION HAS BEEN SAVED. THIS ORDER HAS NOT BEEN SUBMITTED.
EDIT/SUBMIT CANCEL
ORDER NUMBER: SP1000171
SERVICE PLAN: BASIC LOCAL
DISCOUNTED PACKAGE: PHONE SOLUTION
ADDITIONAL FEATURES: CALL WAITING ID ENHANCED
START DATE: THU 02 NOV 2000
BILL TO:
PAYMENT METHOD: CHECK

LOCAL TELEPHONE: **MCI WORLDCOM**
NO REQUESTS FOR THIS ACCOUNT
DELETE

FIG. 16

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LONG DISTANCE TELEPHONE: **MCI WORLDCOM**

STATUS: ORDER INFORMATION HAS BEEN SAVED. THIS ORDER HAS NOT BEEN SUBMITTED.
EDIT/SUBMIT CANCEL
ORDER NUMBER: SP1000337
SERVICE PLAN: MCI ONE NET SAVINGS
ADDITIONAL FEATURES: NONE SELECTED
START DATE: SAT 04 NOV 2000
BILL TO:
PAYMENT METHOD:

CABLE/SATELLITE: **TIME WARNER DIGITAL**

NO REQUESTS FOR THIS ACCOUNT
DELETE

HIGH SPEED INTERNET ACCESS: **TIME WARNER DIGITAL**

NO REQUESTS FOR THIS ACCOUNT
DELETE

HIGH SPEED INTERNET ACCESS: **VERIZON**

STATUS: ORDER INFORMATION HAS BEEN SAVED. THIS ORDER HAS NOT BEEN SUBMITTED.
EDIT/SUBMIT CANCEL
ORDER NUMBER: SP1000177
SERVICE PLAN: PLATINUM
ADDITIONAL FEATURES: NONE SELECTED
REQUESTED APPT: THU 23 NOV 2000 8AM-NOON
BILL TO:
PAYMENT METHOD:

HIGH SPEED INTERNET ACCESS: **PDQ.NET**

NO REQUESTS FOR THIS ACCOUNT
DELETE

RENTER'S INSURANCE: **BALBOA LIFE & CASUALTY**

STATUS: ORDER INFORMATION HAS BEEN SAVED. THIS ORDER HAS NOT BEEN SUBMITTED.
EDIT/SUBMIT CANCEL
ORDER NUMBER: SP1000128
CUSTOMER SERVICE:
COVERAGE PLAN: BASIC RENTER'S INSURANCE
COVERAGE AMOUNT: $30,000 PERSONAL PROPERTY LIMIT
START DATE: WEB 01 NOV 2000
BILL TO:
PAYMENT METHOD:

INTERSTATE MOVERS: **BELTMANN NORTH AMERICAN VAN LINES**
NO REQUESTS FOR THIS ACCOUNT
DELETE

HOW TO USE | BEST PRICE GUARANTEE | CREDIT CARD GUARANTEE | PRIVACY AND SECURITY | TERMS OF USE | FAQ | FEEDBACK | MY PROFILE

FIG. 17

EDC-2008-00100

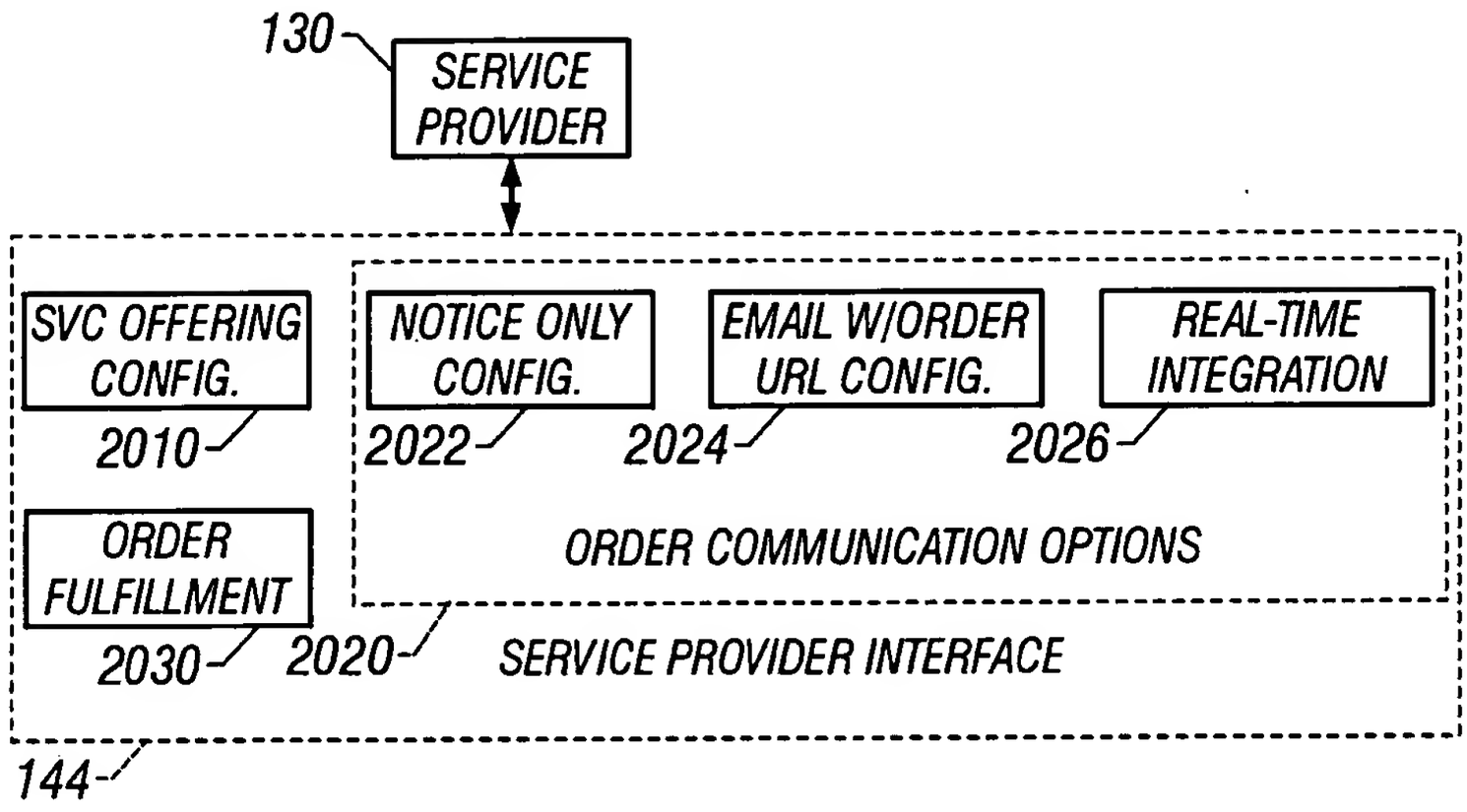

FIG. 18

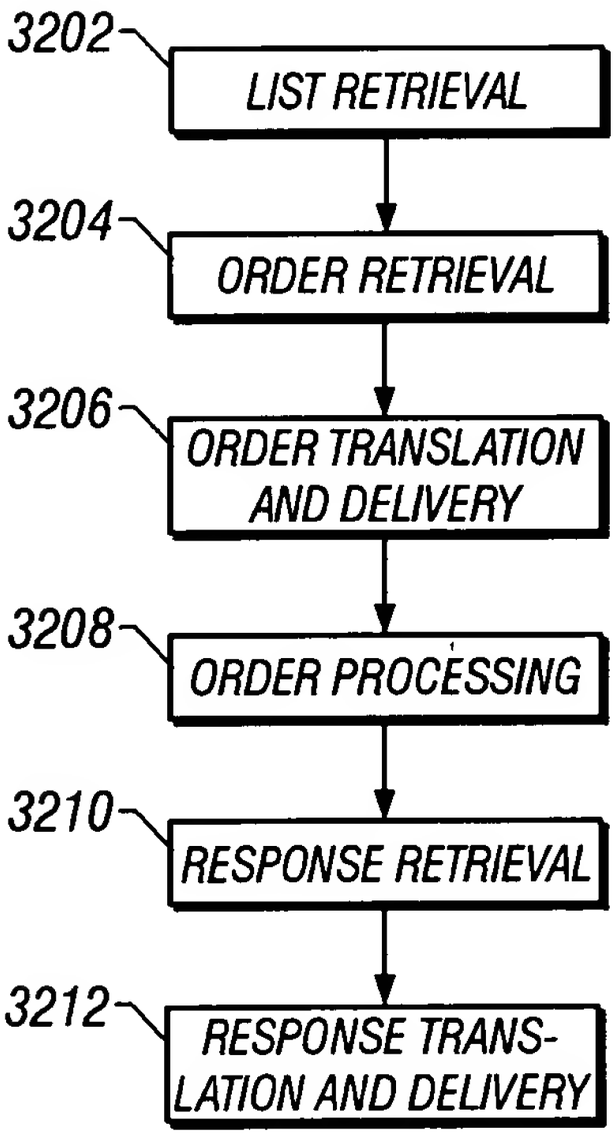

FIG. 24

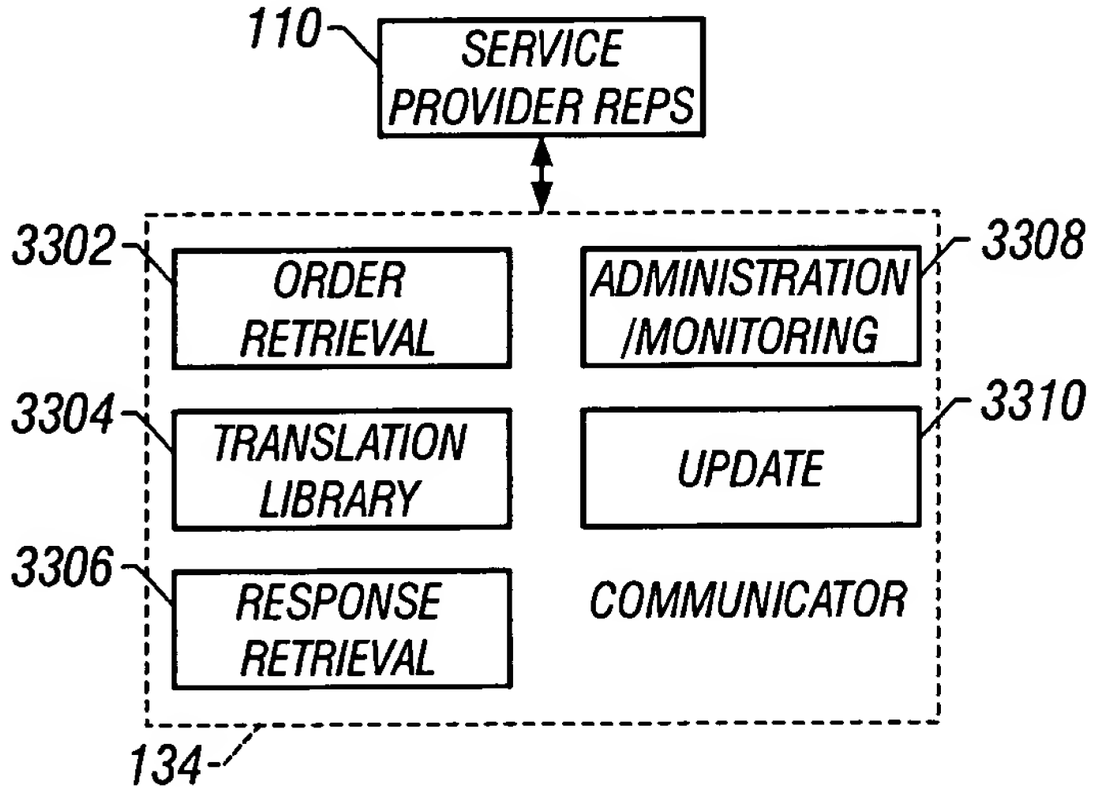

FIG. 25

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SOUTHWESTERN BELL [MARKETS] [OFFERINGS] [LOGOUT]

DEFINE UNIQUE MARKETS

OFFERINGS IN THE QCORPS SYSTEM ARE LIMITED TO, AND DEFINED BY, A SPECIFIED COVERAGE AREA. A COVERAGE AREA CAN BE ALL INCLUSIVE OR AS LIMITED AS AN INDIVIDUAL APARTMENT COMPLEX. NOTE THAT THE COLUMNS ARE ADDITIVE IN NATURE (E.G. TO CREATE A MARKET THAT INCLUDES ALL OF TEXAS AND ONE COUNTY IN OKLAHOMA, YOU WOULD SELECT TEXAS IN THE STATE COLUMN AND ENTER THE APPLICABLE OKLAHOMA COUNTY IN THE COUNTY, STATE COLUMN.).

MARKET NAME [HOUSTON] — 1902
MARKET STATUS [OPEN ▽] — 1904

EDIT MARKET BY: STATE (A) — 1906; COUNTY, STATE (B) — 1908; ZIP CODE (C) — 1910; PROPERTY (D) — 1912

WHEN A USER CLICKS ON ONE OF THE ABOVE, THE FOLLOWING IS DISPLAYED ON THIS PAGE:
(A) LIST OF ALL STATES IN 4 COLUMNS WITH CHECK BOXES FOR SELECTION
(B) 15 ROWS FOR ENTRY W/ "ADD ROWS" BUTTON FOR ADDITIONAL ENTRIES (SEE LOCATIONS FOR SIMILAR LAYOUT)
(C) 15 ROWS FOR ENTRY W/ "ADD ROWS" BUTTON FOR ADDITIONAL ENTRIES (SEE LOCATIONS FOR SIMILAR LAYOUT)
-ALSO ENABLES USERS TO ENTER ZIP CODES IN RANGES: [77001] THROUGH [77081] — 1914, 1916
(D) PROPERTY ASSIGNMENTS PAGE

[SAVE] [CANCEL] — 1918

RULES:
1) COLUMNS ARE ADDITIVE IN NATURE
2) RIGHT WINS OVER LEFT FOR REGION OVERLAPS (SPECIFICITY)
3) NO TWO MARKETS CAN HAVE THE SAME ENTRIES IN ANY COLUMN (I.E., MARKETS ARE MUTUALLY EXCLUSIVE)

FIG. 19A

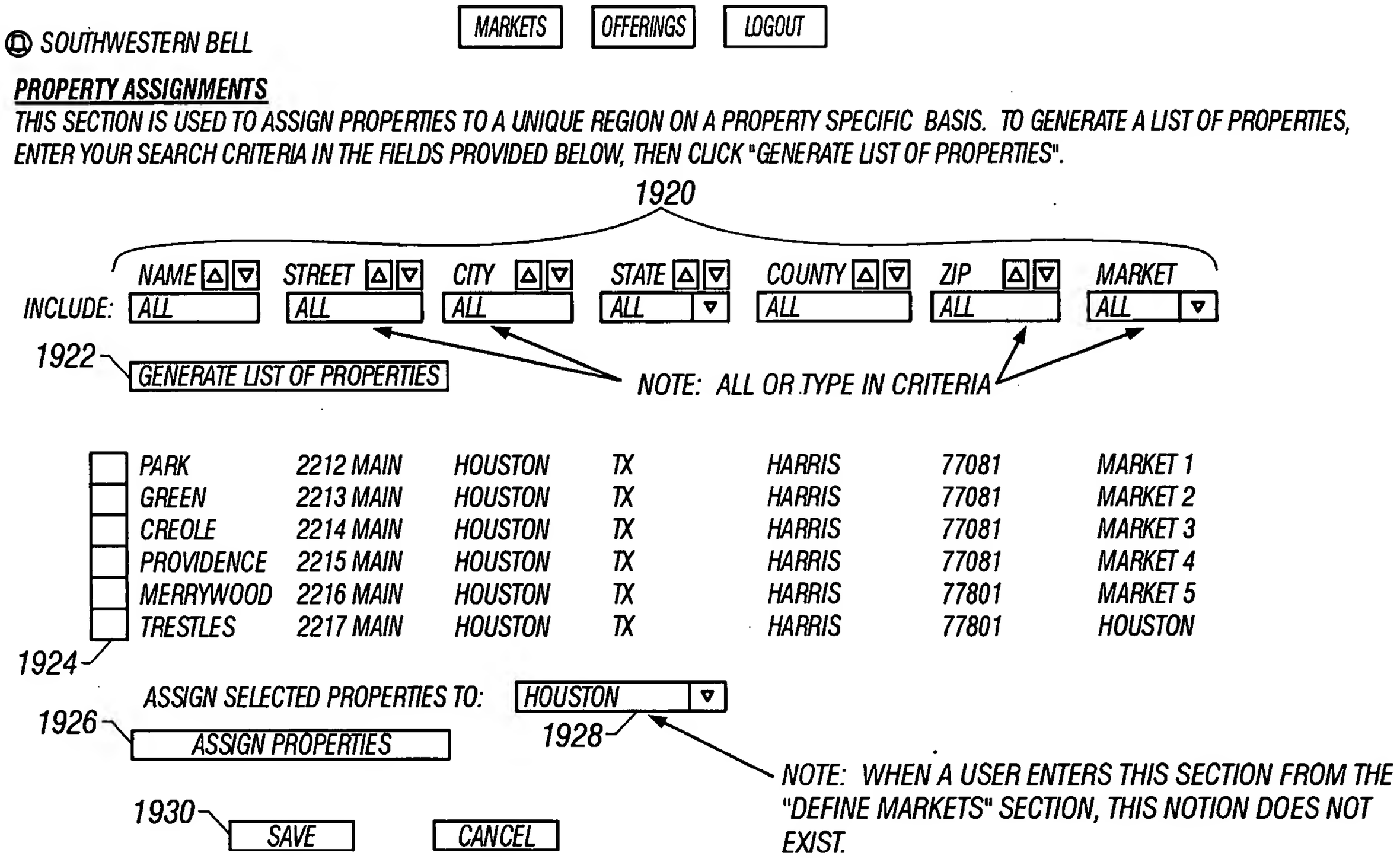

FIG. 19B

Application No.: 09/803,545
Inventor(s): Stanislaus Pietrucha, Jr., et al.
Contact: Charles A. Thomasian (713) 238
Atty. Dkt. No.: 2008-00100
Page 31 of 55

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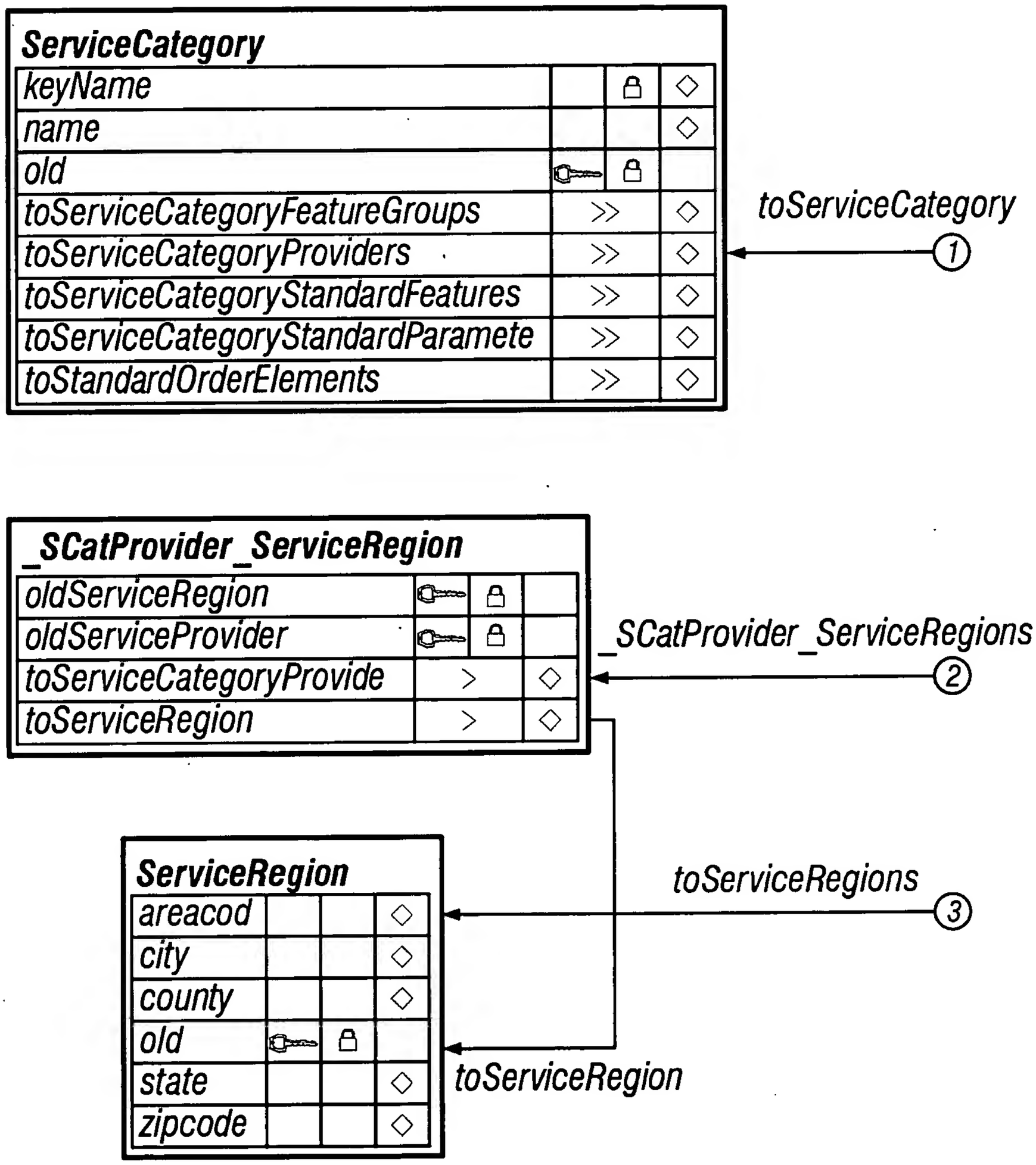

FIG. 20A

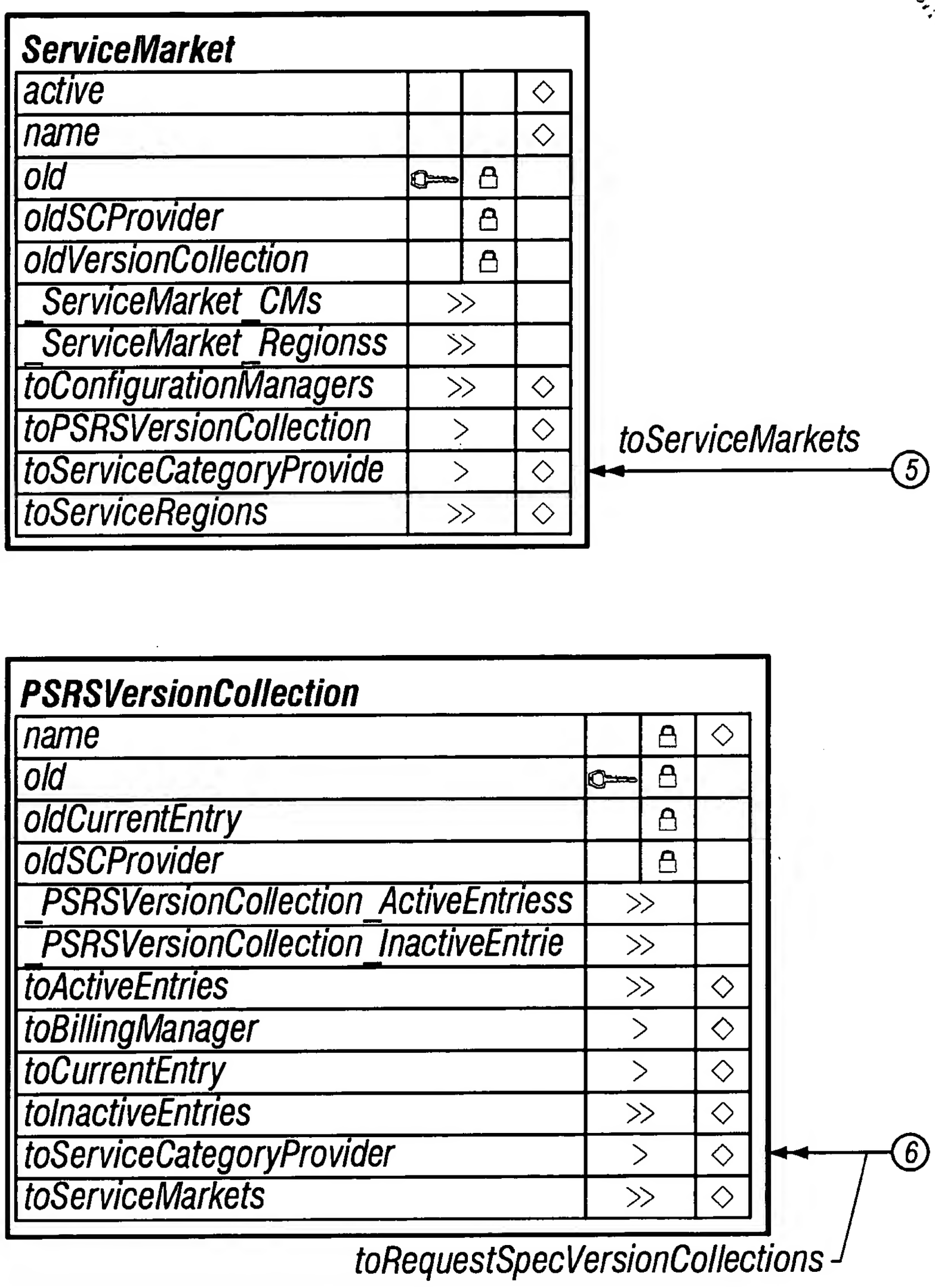

FIG. 20B

EFS ID: 2435868

EDITED - ENCODED

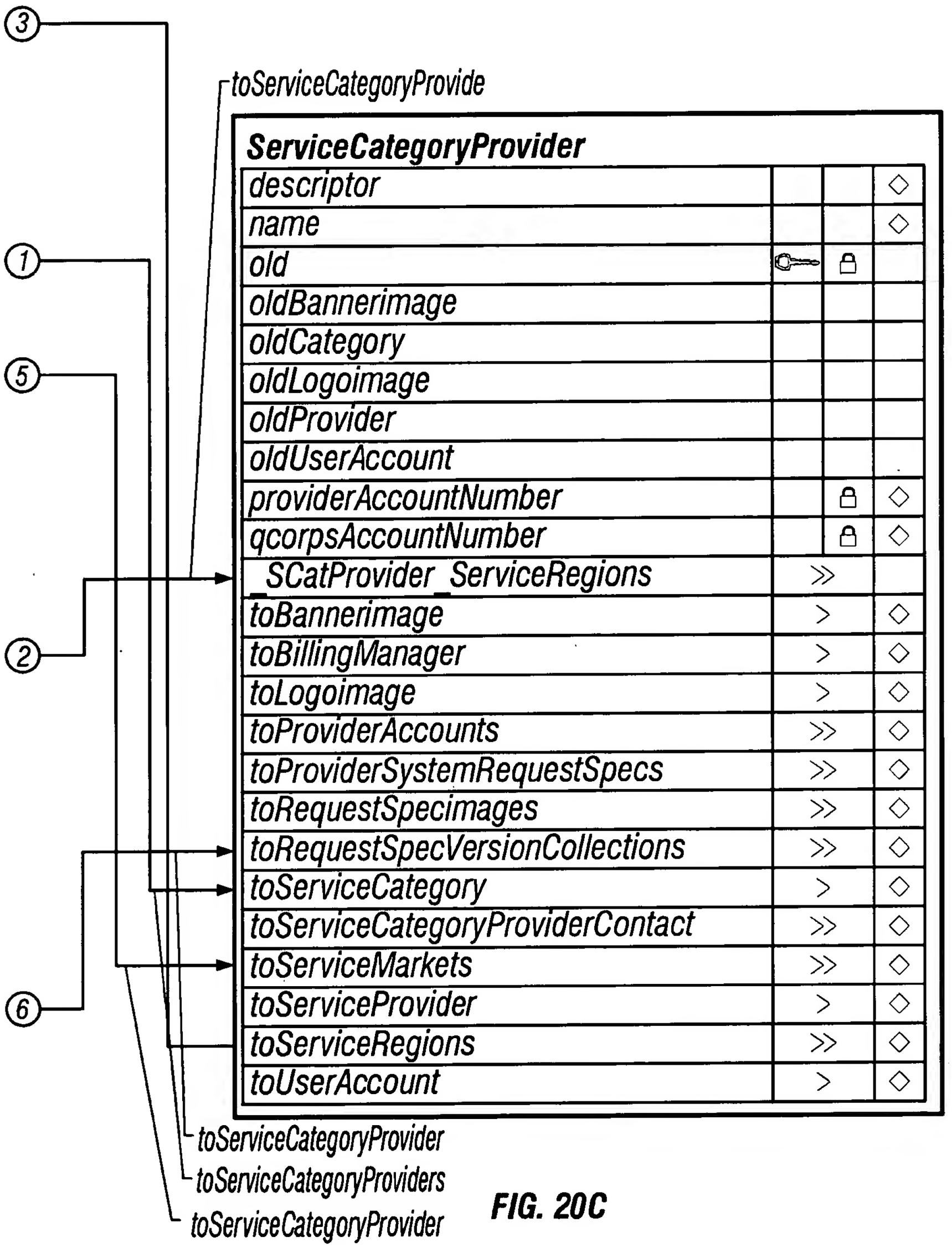

FIG. 20C

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EDITED - SUBSTITUTED

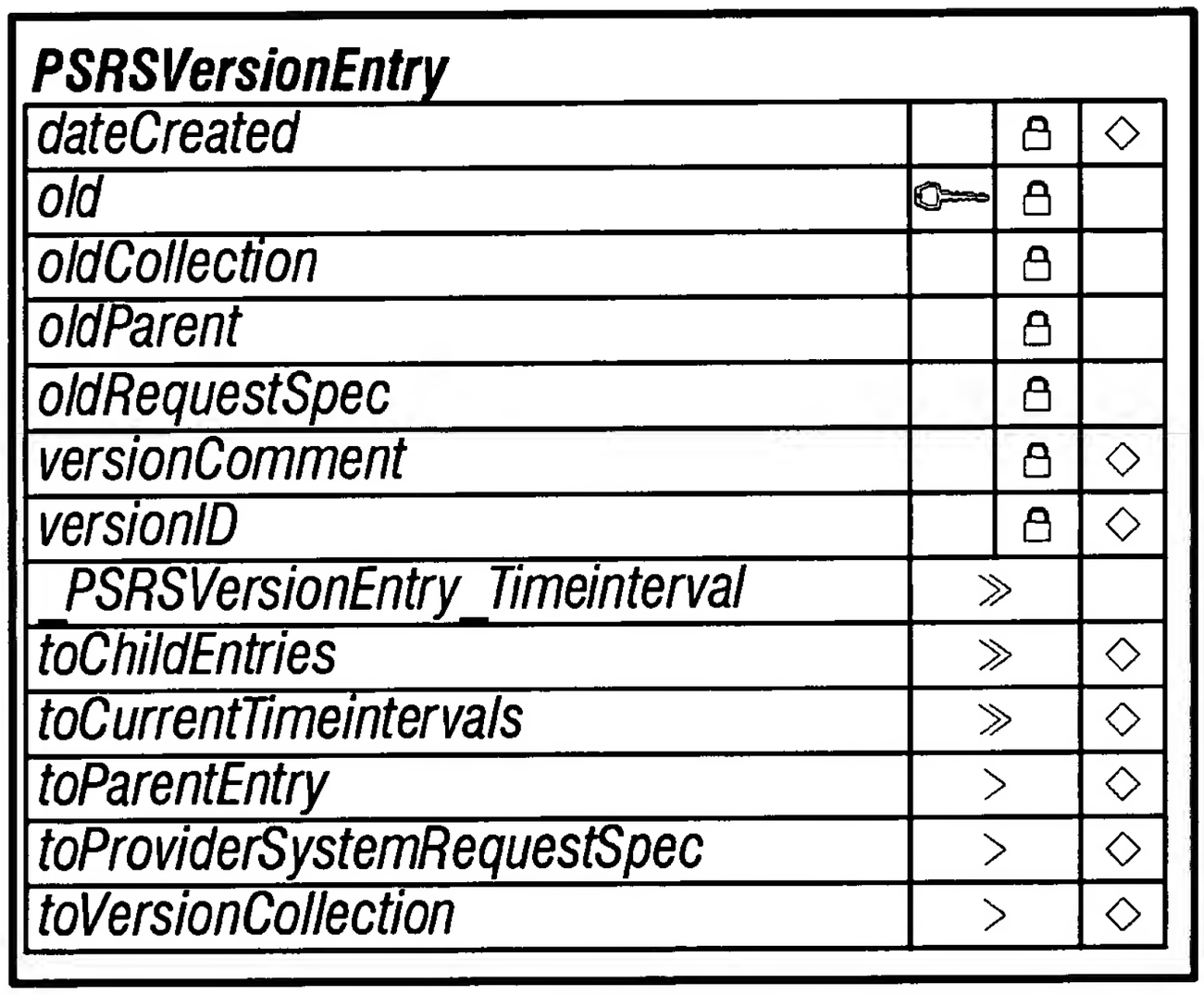

FIG. 20D

FOTTED: 9b,920860

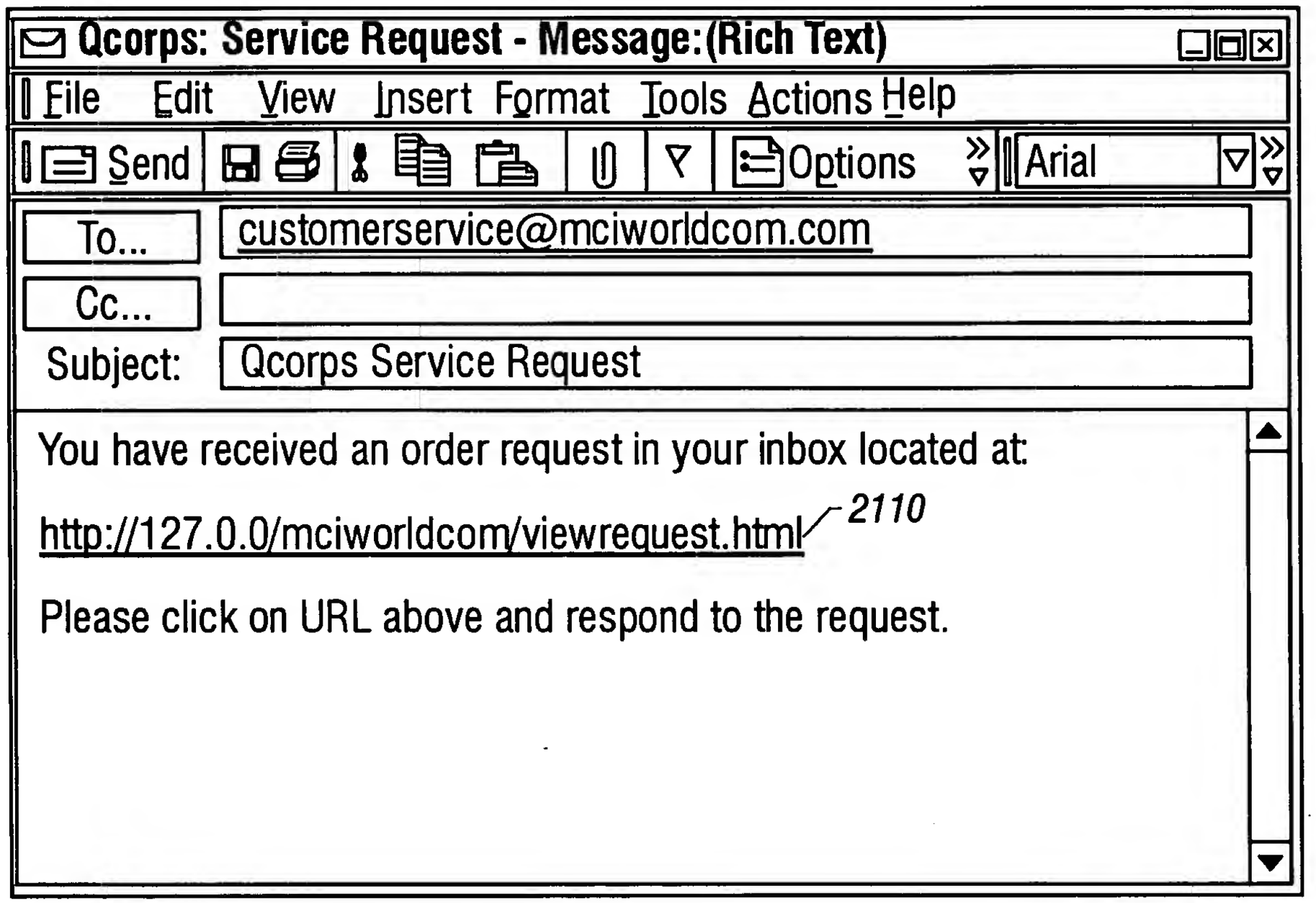

FIG. 21

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MCIWORLDCOM

WORK IN PROGRESS
SEARCH TRANSACTIONS
ORDER REQUEST FORM

REQUESTED SERVICE ADDRESS:
1313 MOCKINGBIRD LANE, #418
HOUSTON, TEXAS 77056

BILLING/CONTACT INFORMATION:
MR. JACK B. QUICK, JR.
1313 MOCKINGBIRD LANE, #418
HOUSTON, TEXAS 77056
(281) 555-6369
(713) 216--6300
(713) 882-1555
JBQUICK@XNET.COM
JBQUICK@AOL.COM

PRIOR SERVICE INFORMATION:
MR. JACK B. QUICK, JR.
1701 HERMANN DRIVE
HOUSTON, TEXAS 77056

ORDER:

PLAN(S):
Z2817 BASIC LOCAL

PACKAGE(S):
P3209 THE BASICS

FEATURE(S):
P1701 CALL WAITING
P3205 CALLER ID ENHANCED
P3228 CALL BLOCKING
P3400 CALL RETURN

PAYMENT APPROACH:

METHOD: CREDIT CARD

ACCOUNT: MR. JACK B. QUICK, JR.
AMERICAN EXPRESS
3728 4586 9789 EXP. 03/02

SERVICE ACTIVATION: 8/13/00

TRANSFER EXISTING NUMBER: (281) 398-1215

LISTED IN PHONE BOOK AND DIRECTORY ASSISTANCE: YES

NAME TO BE LISTED: JACK AND JANE QUICK

OMIT ADDRESS: NO

GENERATE RESPONSE 2210

FIG. 22

MCIWORLDCOM

WORK IN PROGRESS

SEARCH TRANSACTION

ORDER REQUEST FORM

STATUS: ACCEPTED

ERRORS:

ACCOUNT NUMBER:

DEPOSIT AMOUNT:

DEPOSIT INSTRUCTIONS:

TOTAL MONTHLY SERVICE FEE:

NEW TELEPHONE NUMBER:

COMMENT:

SUBMIT RESPONSE AND SAVE

FIG. 23

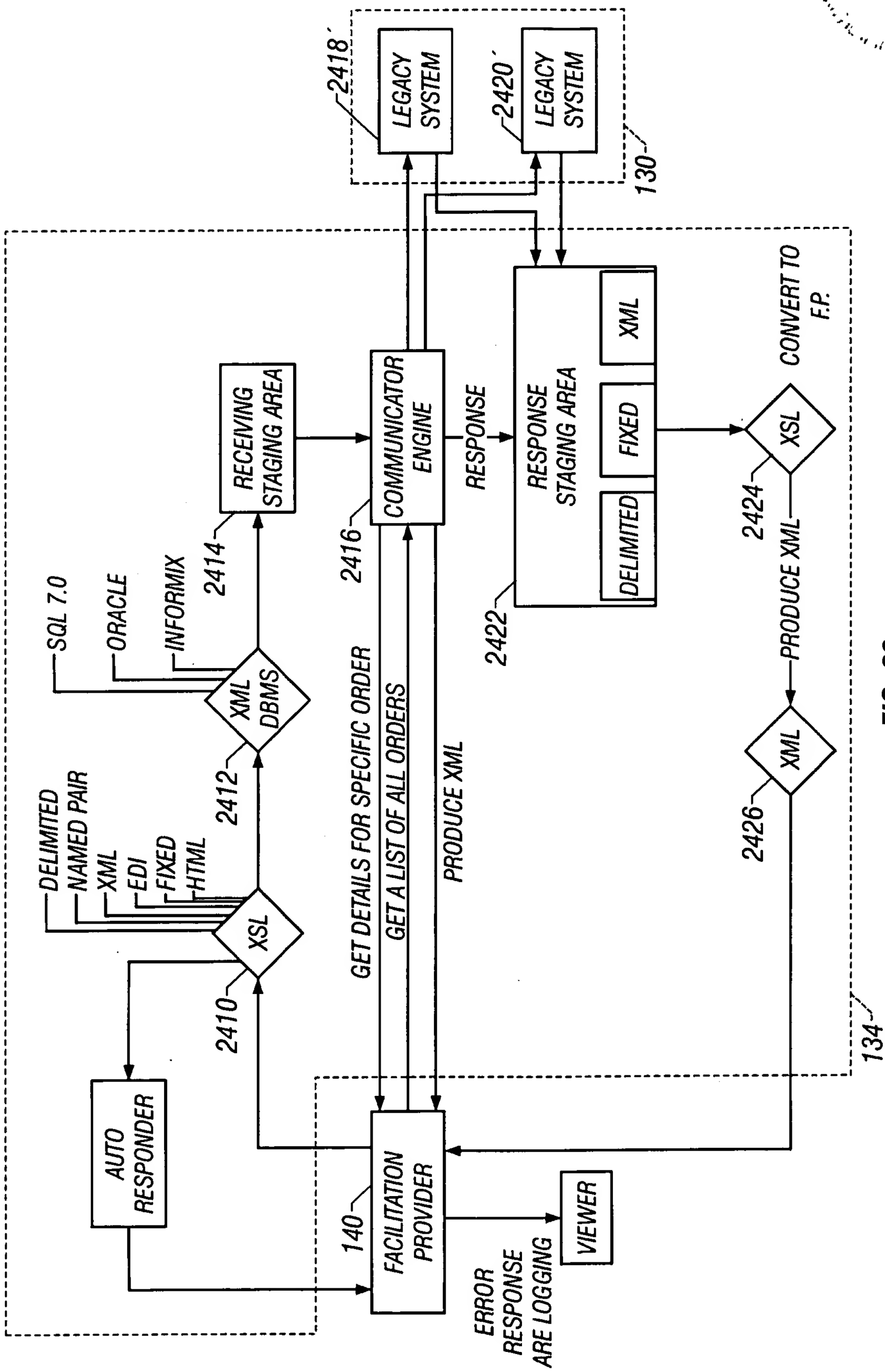
2418
LEGACY SYSTEM
2420
LEGACY SYSTEM
130
DELIMITED
NAMED PAIR
XML
EDI
FIXED
HTML
SQL 7.0
ORACLE
INFORMIX
2412
XML DBMS
2414
RECEIVING STAGING AREA
2410
XSL
2416
COMMUNICATOR ENGINE
GET DETAILS FOR SPECIFIC ORDER
GET A LIST OF ALL ORDERS
PRODUCE XML
RESPONSE
2422
RESPONSE STAGING AREA
DELIMITED
FIXED
XML
2424
XSL
CONVERT TO F.P.
PRODUCE XML
2426
XML
134
AUTO RESPONDER
140
FACILITATION PROVIDER
ERROR RESPONSE ARE LOGGING
VIEWER

FIG. 26

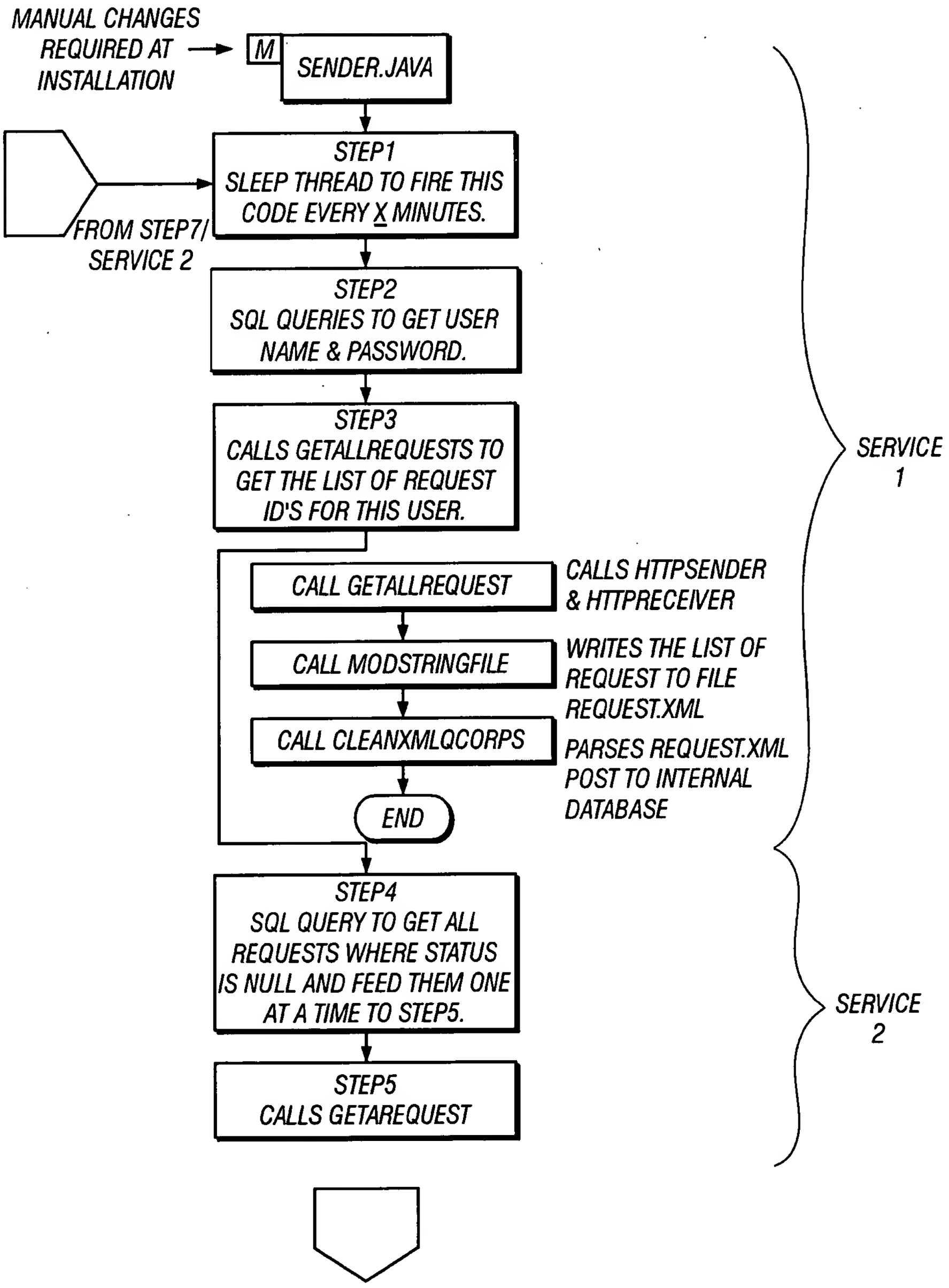
MANUAL CHANGES REQUIRED AT INSTALLATION
M
SENDER.JAVA
FROM STEP7/ SERVICE 2
STEP1
SLEEP THREAD TO FIRE THIS CODE EVERY X MINUTES.
STEP2
SQL QUERIES TO GET USER NAME & PASSWORD.
STEP3
CALLS GETALLREQUESTS TO GET THE LIST OF REQUEST ID'S FOR THIS USER.
CALL GETALLREQUEST
CALLS HTTPSENDER & HTTPRECEIVER
CALL MODSTRINGFILE
WRITES THE LIST OF REQUEST TO FILE REQUEST.XML
CALL CLEANXMLQCORPS
PARSES REQUEST.XML POST TO INTERNAL DATABASE
END
STEP4
SQL QUERY TO GET ALL REQUESTS WHERE STATUS IS NULL AND FEED THEM ONE AT A TIME TO STEP5.
STEP5
CALLS GETAREQUEST
SERVICE 1
SERVICE 2

FIG. 27A

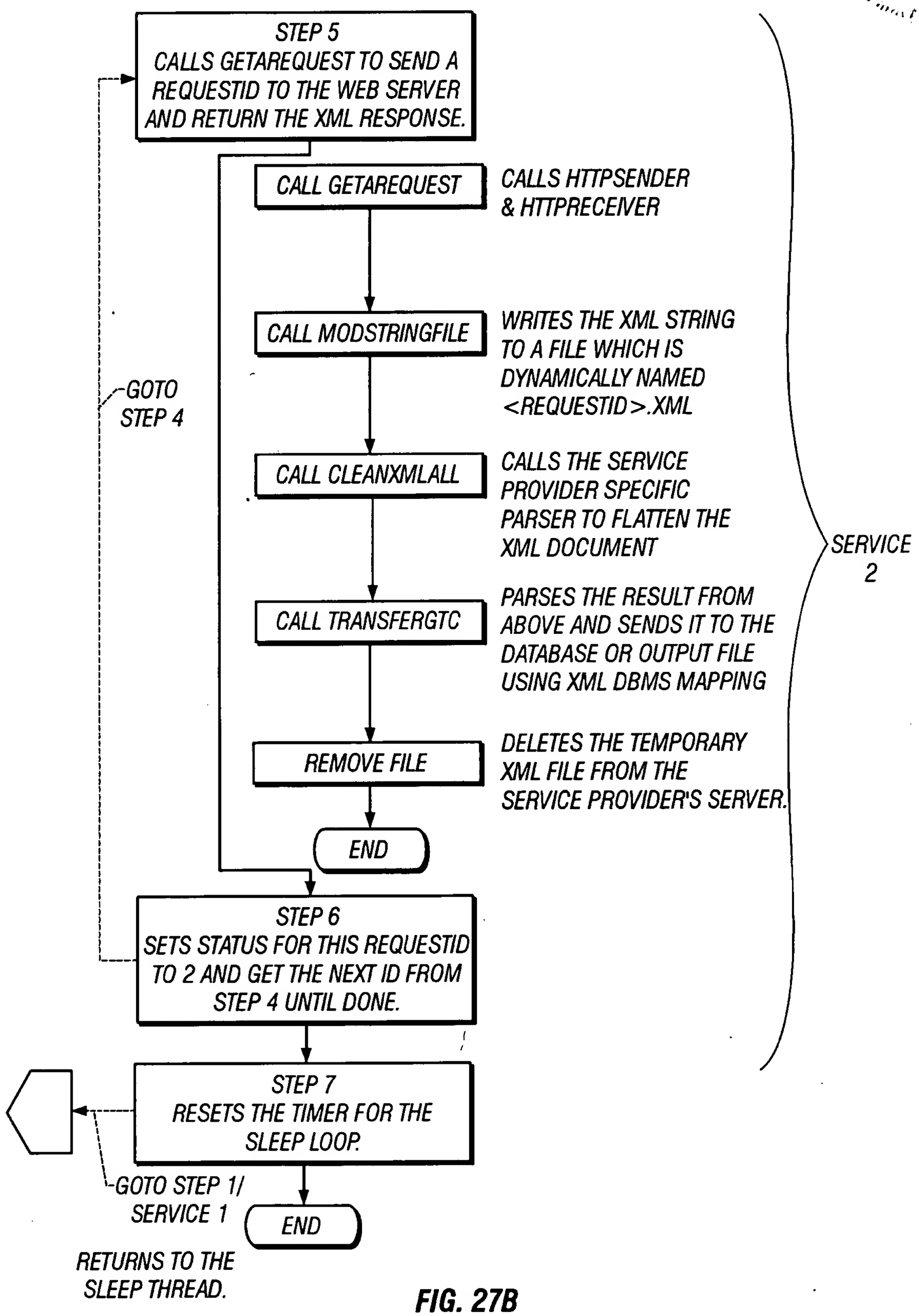
STEP 5
CALLS GETAREQUEST TO SEND A REQUESTID TO THE WEB SERVER AND RETURN THE XML RESPONSE.
CALL GETAREQUEST
CALLS HTTPSENDER & HTTPRECEIVER
CALL MODSTRINGFILE
WRITES THE XML STRING TO A FILE WHICH IS DYNAMICALLY NAMED <REQUESTID>.XML
GOTO STEP 4
CALL CLEANXMLALL
CALLS THE SERVICE PROVIDER SPECIFIC PARSER TO FLATTEN THE XML DOCUMENT
CALL TRANSFERGTC
PARSES THE RESULT FROM ABOVE AND SENDS IT TO THE DATABASE OR OUTPUT FILE USING XML DBMS MAPPING
REMOVE FILE
DELETES THE TEMPORARY XML FILE FROM THE SERVICE PROVIDER'S SERVER.
END
SERVICE 2
STEP 6
SETS STATUS FOR THIS REQUESTID TO 2 AND GET THE NEXT ID FROM STEP 4 UNTIL DONE.
STEP 7
RESETS THE TIMER FOR THE SLEEP LOOP.
GOTO STEP 1/ SERVICE 1
END
RETURNS TO THE SLEEP THREAD.

FIG. 27B

Patent Application Publication

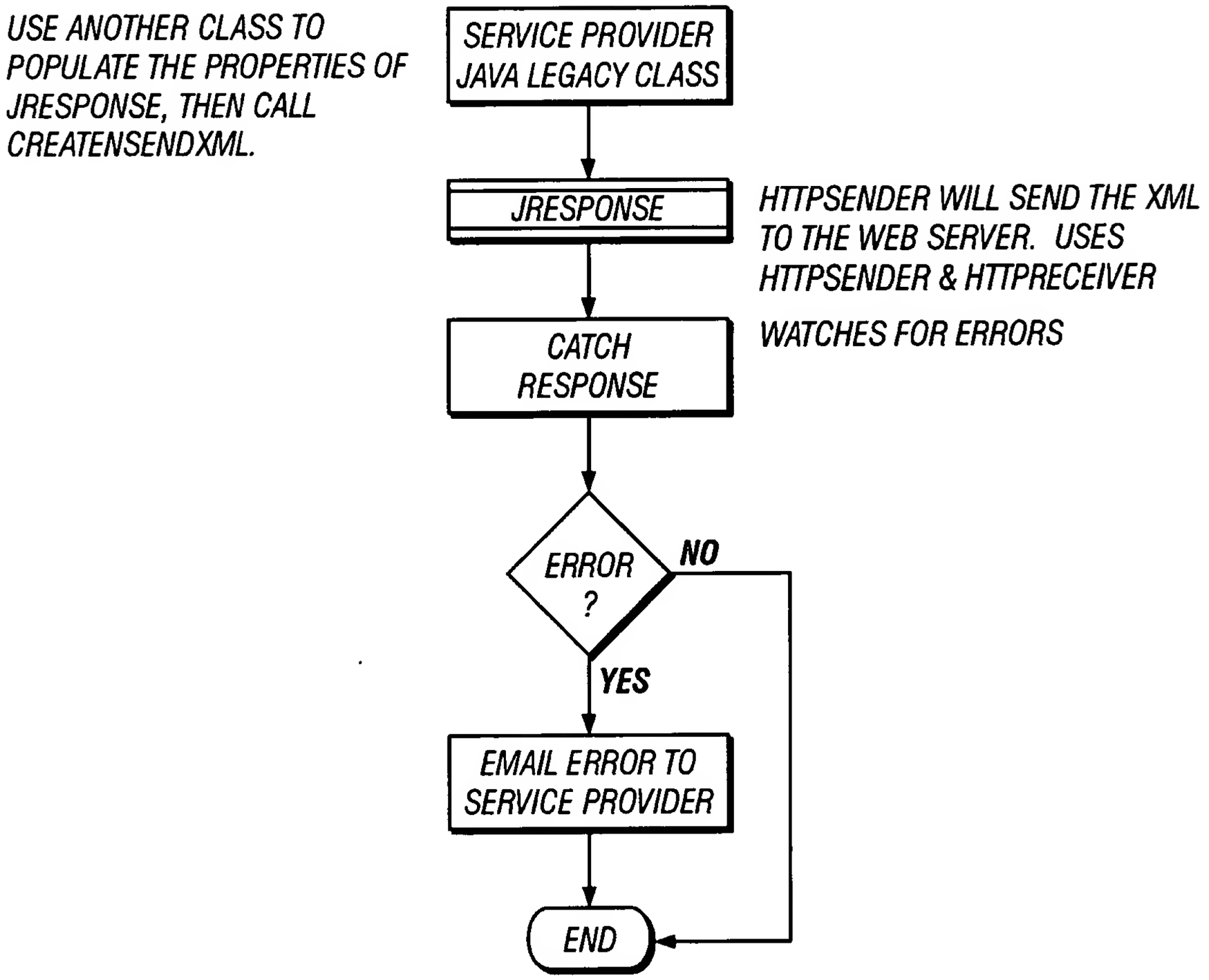

FIG. 28

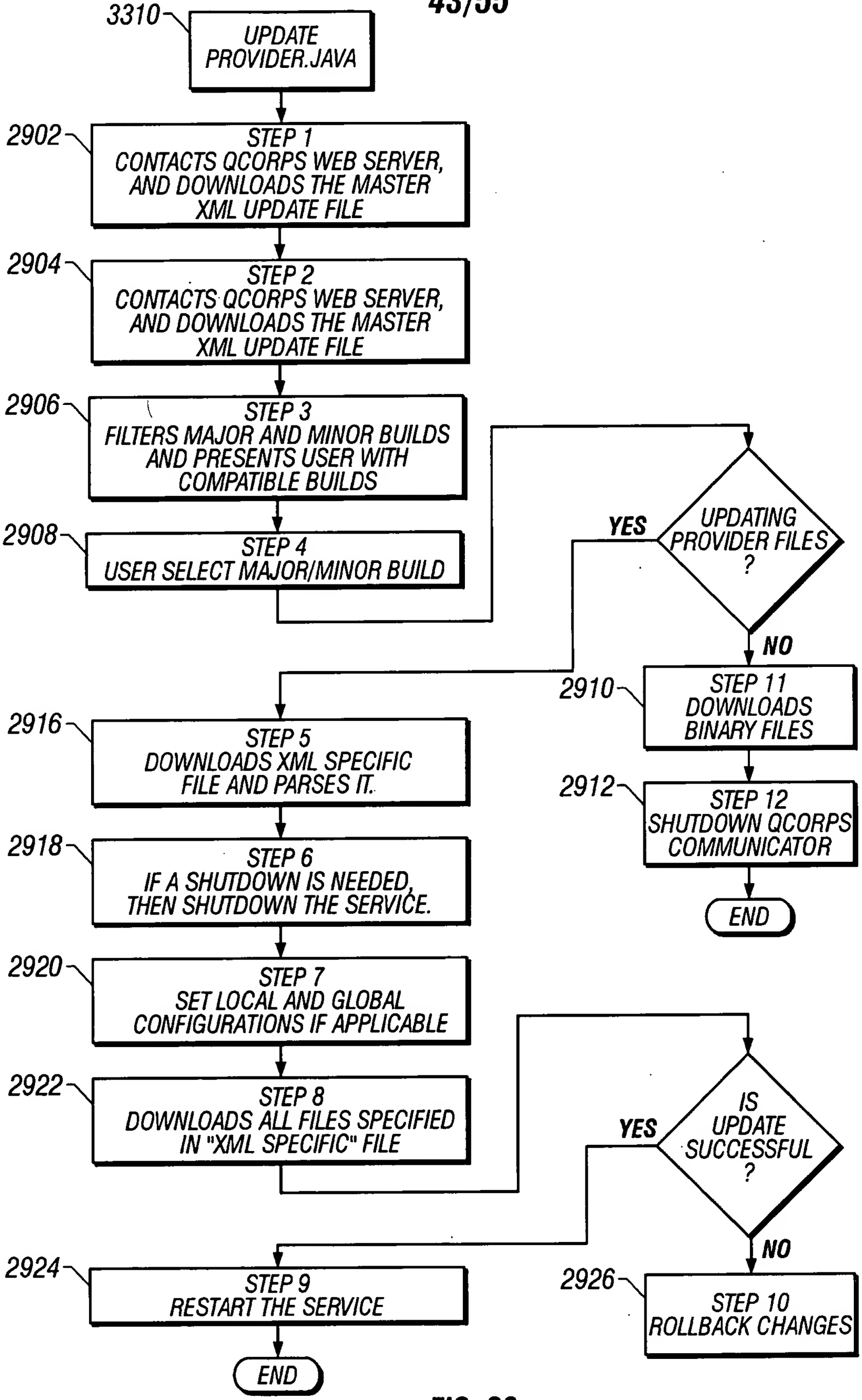
3310
UPDATE PROVIDER.JAVA
2902
STEP 1
CONTACTS QCORPS WEB SERVER, AND DOWNLOADS THE MASTER XML UPDATE FILE
2904
STEP 2
CONTACTS QCORPS WEB SERVER, AND DOWNLOADS THE MASTER XML UPDATE FILE
2906
STEP 3
FILTERS MAJOR AND MINOR BUILDS AND PRESENTS USER WITH COMPATIBLE BUILDS
2908
STEP 4
USER SELECT MAJOR/MINOR BUILD
UPDATING PROVIDER FILES ?
YES
NO
2910
STEP 11
DOWNLOADS BINARY FILES
2912
STEP 12
SHUTDOWN QCORPS COMMUNICATOR
END
2916
STEP 5
DOWNLOADS XML SPECIFIC FILE AND PARSES IT.
2918
STEP 6
IF A SHUTDOWN IS NEEDED, THEN SHUTDOWN THE SERVICE.
2920
STEP 7
SET LOCAL AND GLOBAL CONFIGURATIONS IF APPLICABLE
2922
STEP 8
DOWNLOADS ALL FILES SPECIFIED IN "XML SPECIFIC" FILE
IS UPDATE SUCCESSFUL ?
YES
NO
2924
STEP 9
RESTART THE SERVICE
END
2926
STEP 10
ROLLBACK CHANGES

FIG. 29

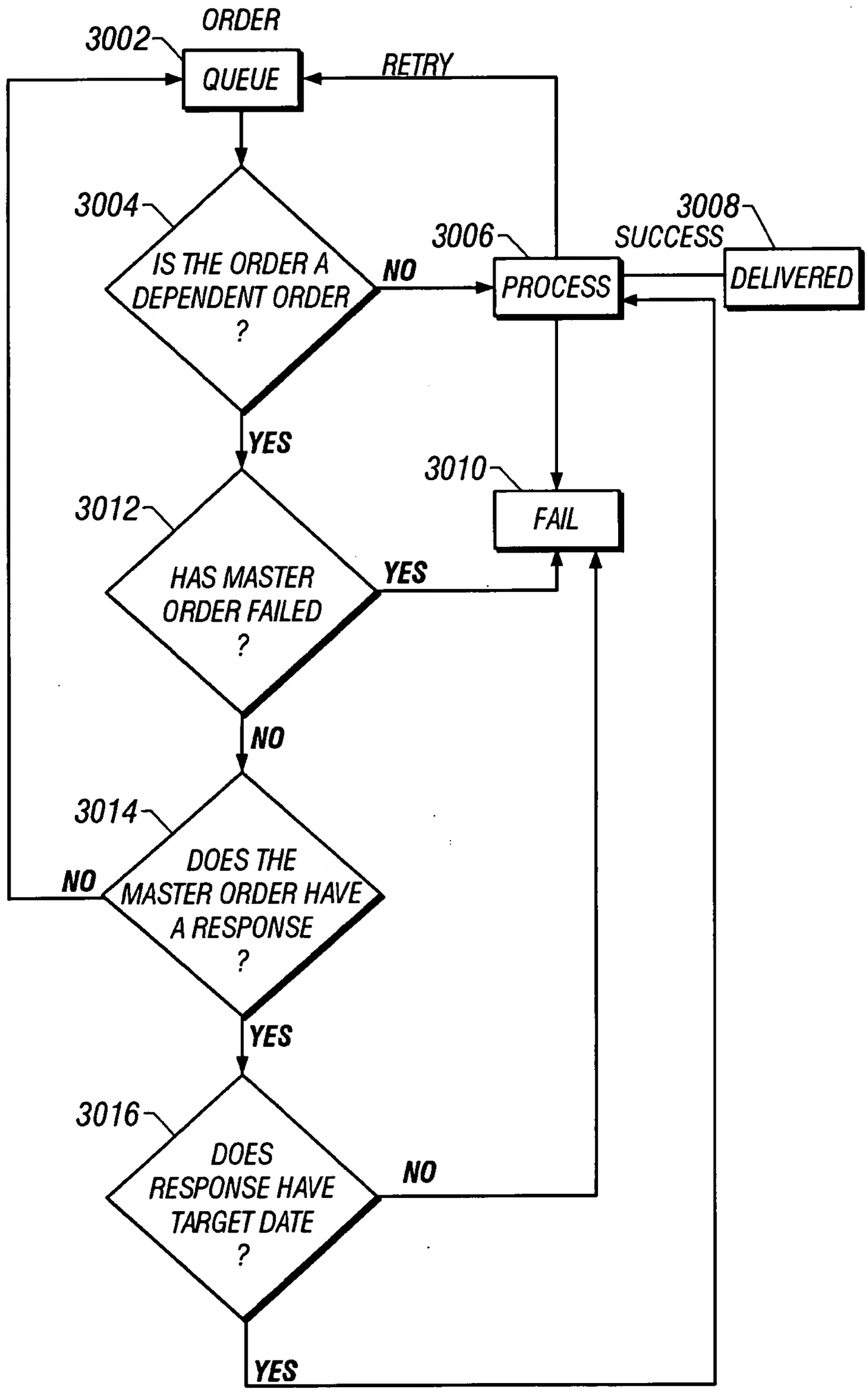

FIG. 30

FOREIGN PRIORITY

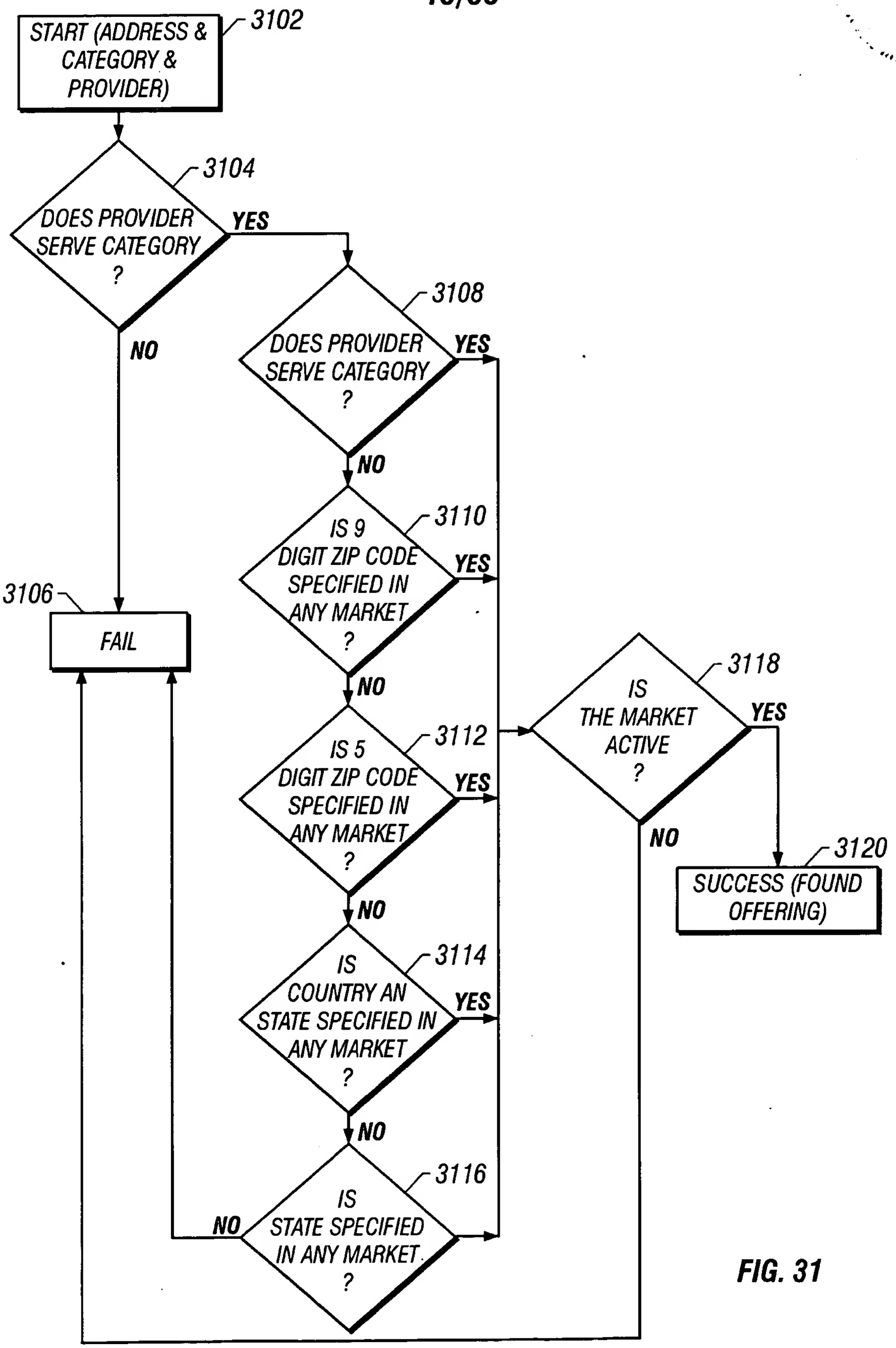

FIG. 31

EXPRESS MAIL LABEL

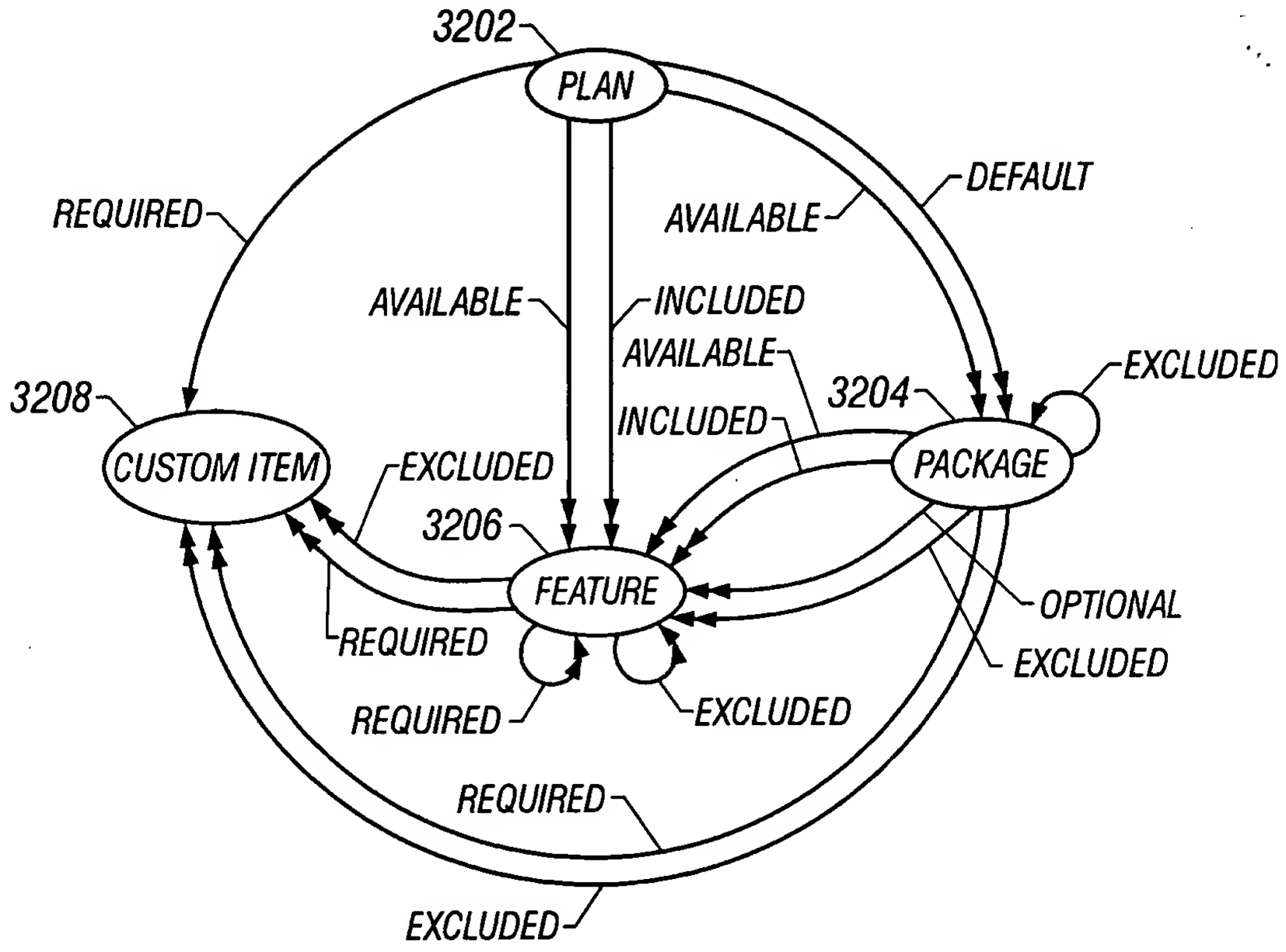
3202
PLAN
REQUIRED
AVAILABLE
DEFAULT
AVAILABLE
INCLUDED
AVAILABLE
EXCLUDED
3208
3204
INCLUDED
CUSTOM ITEM
EXCLUDED
PACKAGE
3206
FEATURE
OPTIONAL
EXCLUDED
REQUIRED
REQUIRED
EXCLUDED
REQUIRED
EXCLUDED

FIG. 32

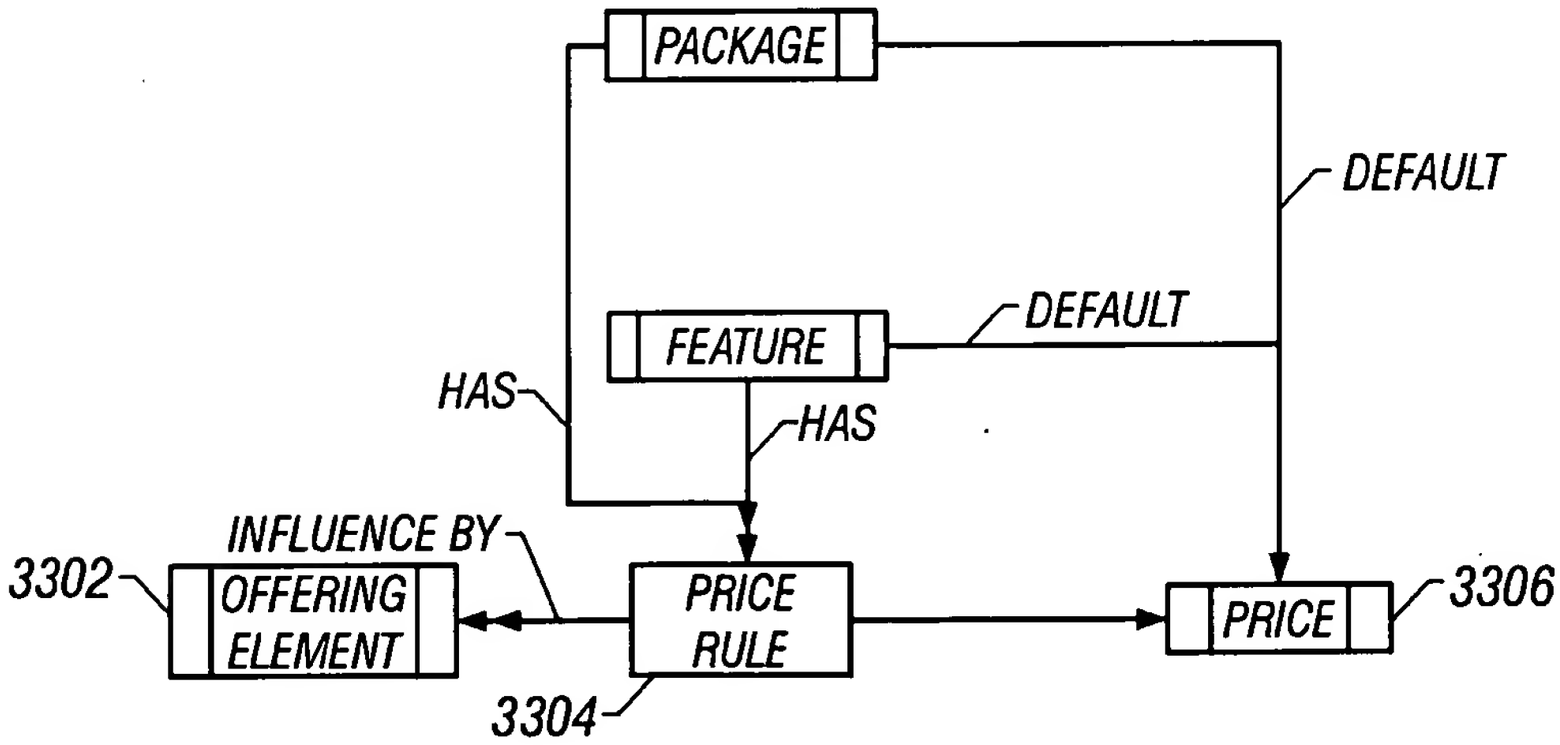
PACKAGE
DEFAULT
FEATURE
DEFAULT
HAS
HAS
INFLUENCE BY
3302
OFFERING ELEMENT
PRICE RULE
PRICE
3306
3304

FIG. 33

QCORPS COMMUNICATOR ARCHITECTURE

GUI	GRAPHIC USER INTERFACE					
	MULTI-SERVICE DESKTOP	INTEGRATED HELP	ADVANCED CONFIGURATION SCREENS	LOG HISTORY	ORDER MANAGEMENT SCREENS	CUSTOMIZABLE
IPE	INTERNAL PROCESSING ENGINE					
	DATABASE HANDLING	DELIVERY MECHANISM	LOG HANDLING	SECURE NETWORK COMMUNICATIONS	DISK CACHE	FILE BACKUP MECHANISM
	SECURITY SAFETY	APPLICATION UTILITIES	EVENT NOTIFICATION UTILITIES	GENERAL FILE HANDLING	XML PARSING ENGINE	SCHEDULING
ECL	EXTERNAL CONNECTION LAYER					
	INFORMATION RECEIVING SYSTEM				INFORMATION RESPONDING SYSTEM	
	COMMUNICATION PROTOCOLS				*PARTNER SYSTEM PROCESSING TO STAGING AREA	
	HTTPS	FTP	HTTP	TCP/IP	PARTNER SPECIFIC	
	STAGING AREA					
	RDBMS ADAPTERS JDBC	XML	ASCII	HTML	AUTO RESPOND	PARTNER SPECIFIC
					XML	ASCII
					HTML	PARTNER SPECIFIC
PIS	PARTNER INFORMATION SYSTEMS					

FIG. 34

Application No.: 09/803,545
Inventor(s): Stanislaus Pietrucha, Jr., et al.
Contact: Charles A. Thomasian (713) 23[illegible]0
Atty. Dkt. No.: 2008-00100
Page 47 of 55

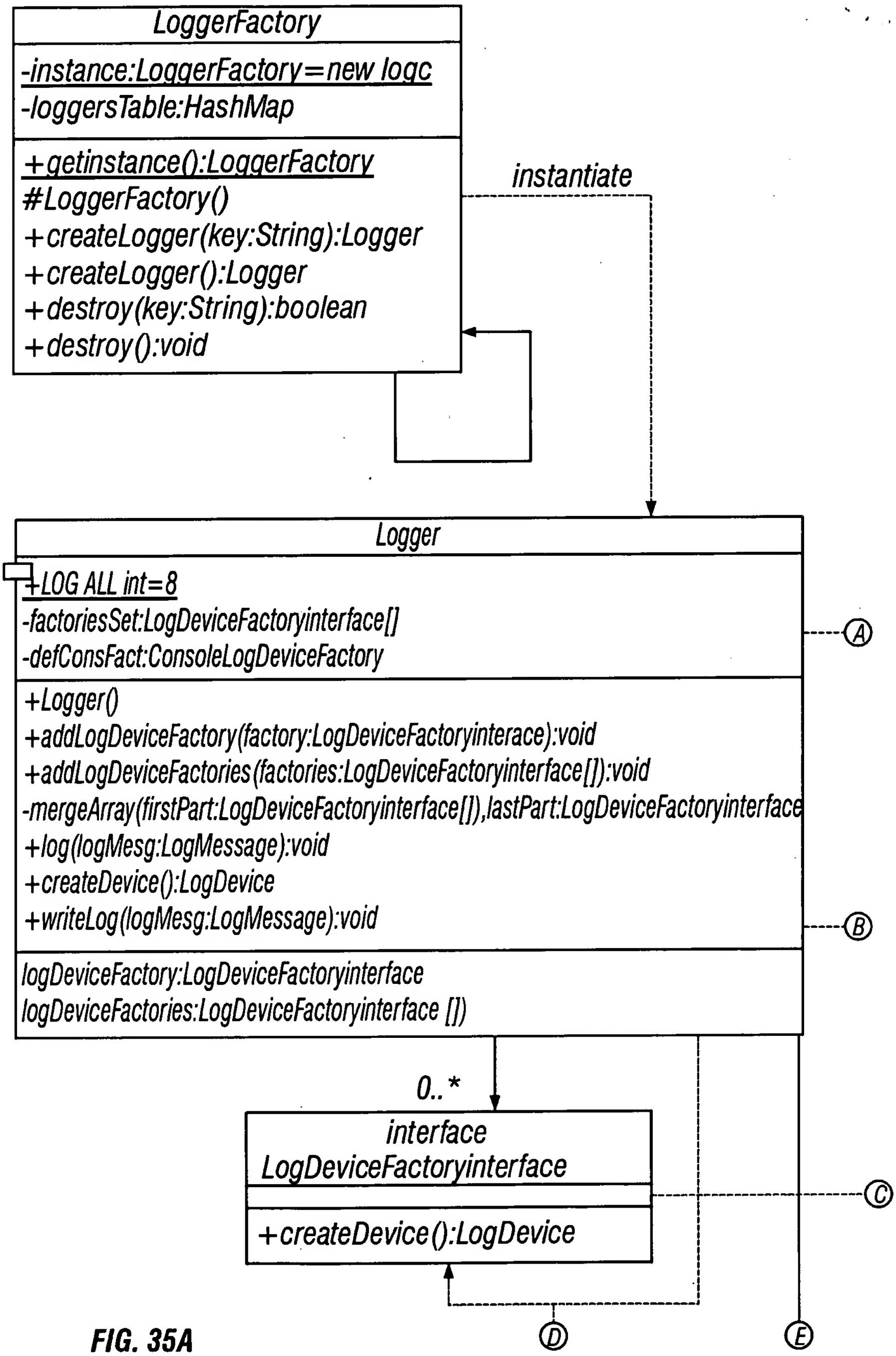
LoggerFactory
-instance:LoggerFactory=new logc
-loggersTable:HashMap
+getinstance():LoggerFactory
#LoggerFactory()
+createLogger(key:String):Logger
+createLogger():Logger
+destroy(key:String):boolean
+destroy():void
instantiate
Logger
+LOG ALL int=8
-factoriesSet:LogDeviceFactoryinterface[]
-defConsFact:ConsoleLogDeviceFactory
+Logger()
+addLogDeviceFactory(factory:LogDeviceFactoryinterace):void
+addLogDeviceFactories(factories:LogDeviceFactoryinterface[]):void
-mergeArray(firstPart:LogDeviceFactoryinterface[]),lastPart:LogDeviceFactoryinterface
+log(logMesg:LogMessage):void
+createDevice():LogDevice
+writeLog(logMesg:LogMessage):void
logDeviceFactory:LogDeviceFactoryinterface
logDeviceFactories:LogDeviceFactoryinterface [])
0..*
interface
LogDeviceFactoryinterface
+createDevice():LogDevice
A
B
C
D
E

FIG. 35A

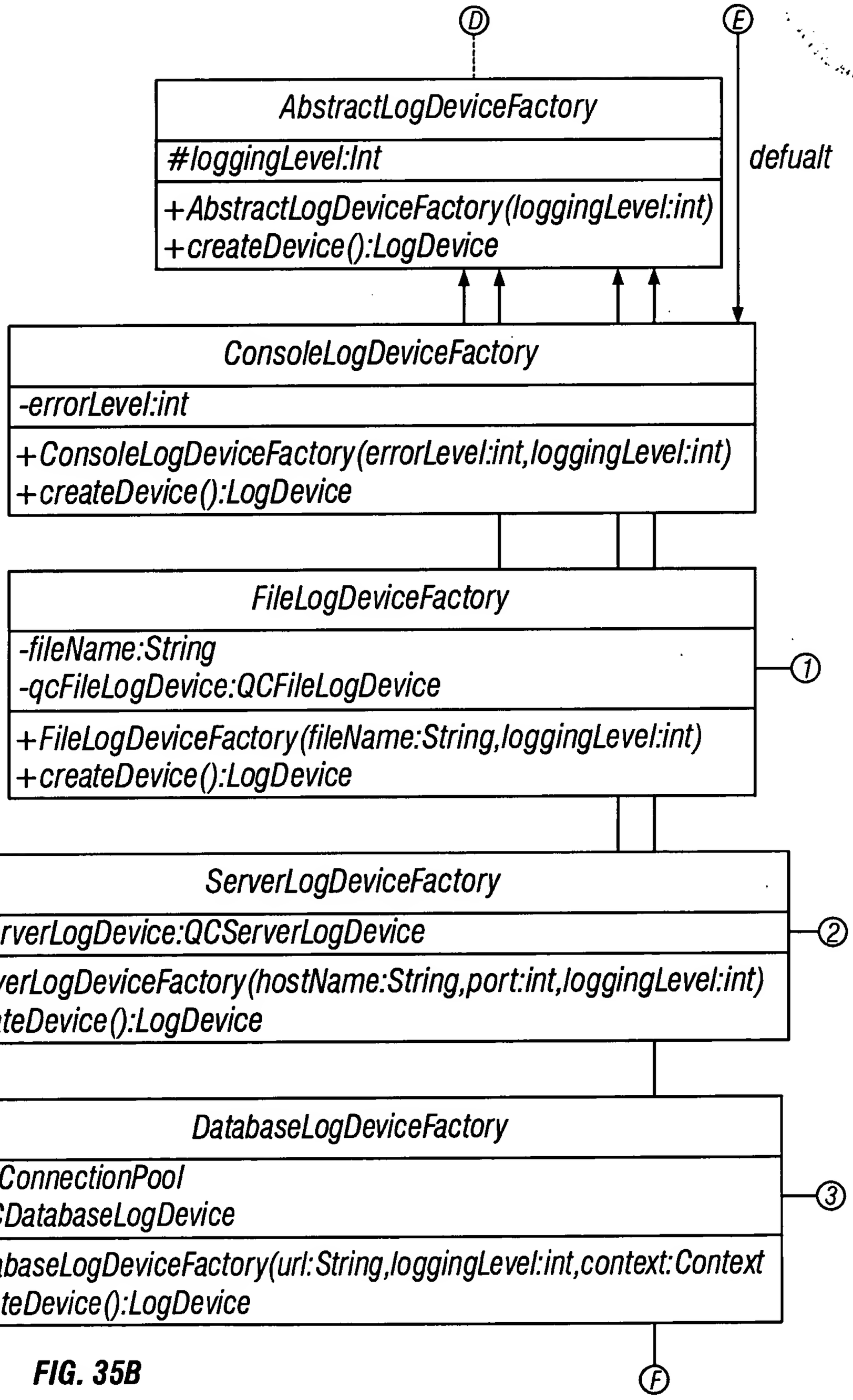
D
E
AbstractLogDeviceFactory
#loggingLevel:Int
+AbstractLogDeviceFactory(loggingLevel:int)
+createDevice():LogDevice
defualt
ConsoleLogDeviceFactory
-errorLevel:int
+ConsoleLogDeviceFactory(errorLevel:int,loggingLevel:int)
+createDevice():LogDevice
FileLogDeviceFactory
-fileName:String
-qcFileLogDevice:QCFileLogDevice
+FileLogDeviceFactory(fileName:String,loggingLevel:int)
+createDevice():LogDevice
1
ServerLogDeviceFactory
-qcServerLogDevice:QCServerLogDevice
+ServerLogDeviceFactory(hostName:String,port:int,loggingLevel:int)
+createDevice():LogDevice
2
DatabaseLogDeviceFactory
-pool:ConnectionPool
-id:QCDatabaseLogDevice
+DatabaseLogDeviceFactory(url:String,loggingLevel:int,context:Context
+createDevice():LogDevice
3
F

FIG. 35B

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EDITED BY SYSTEM

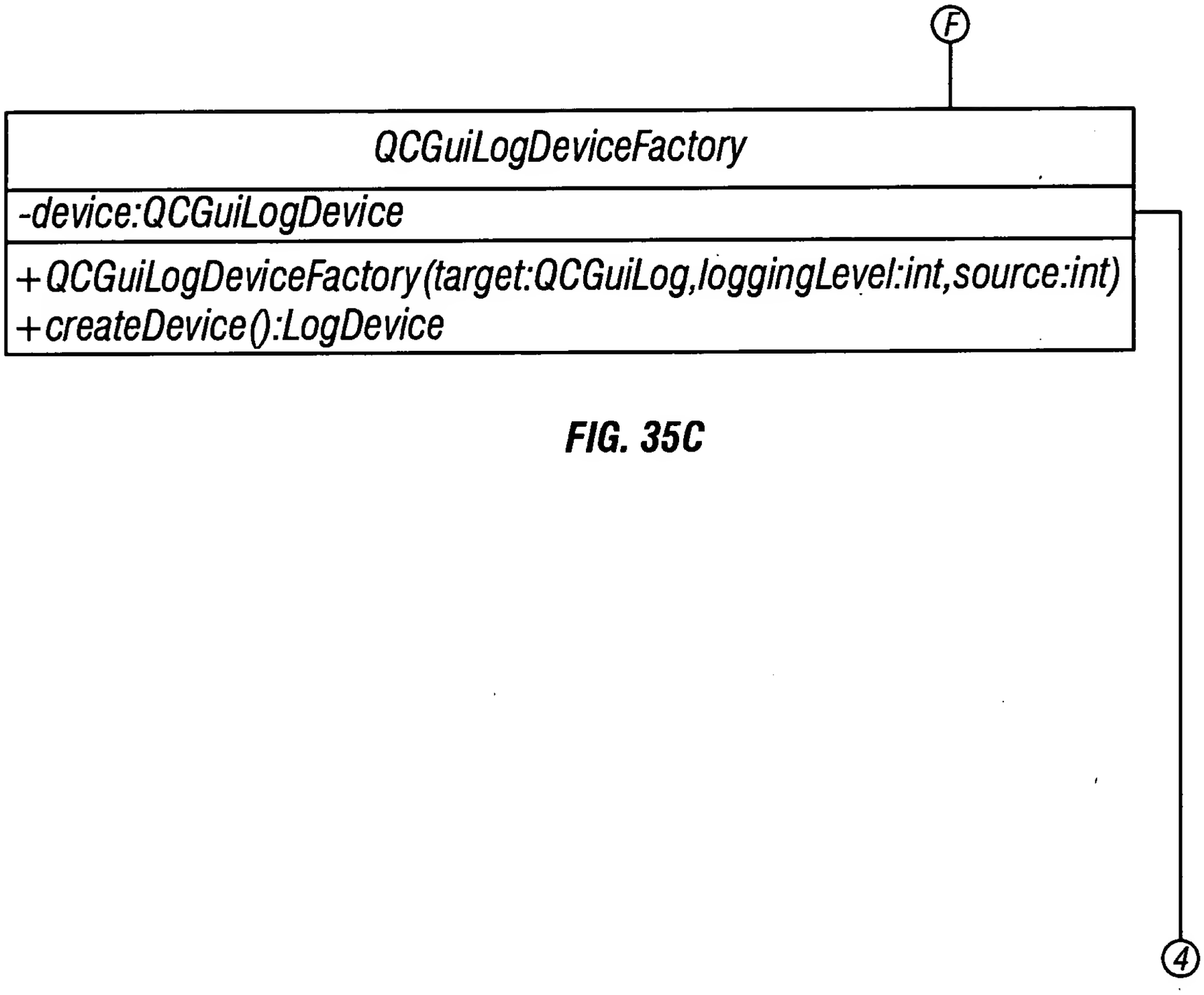

FIG. 35C

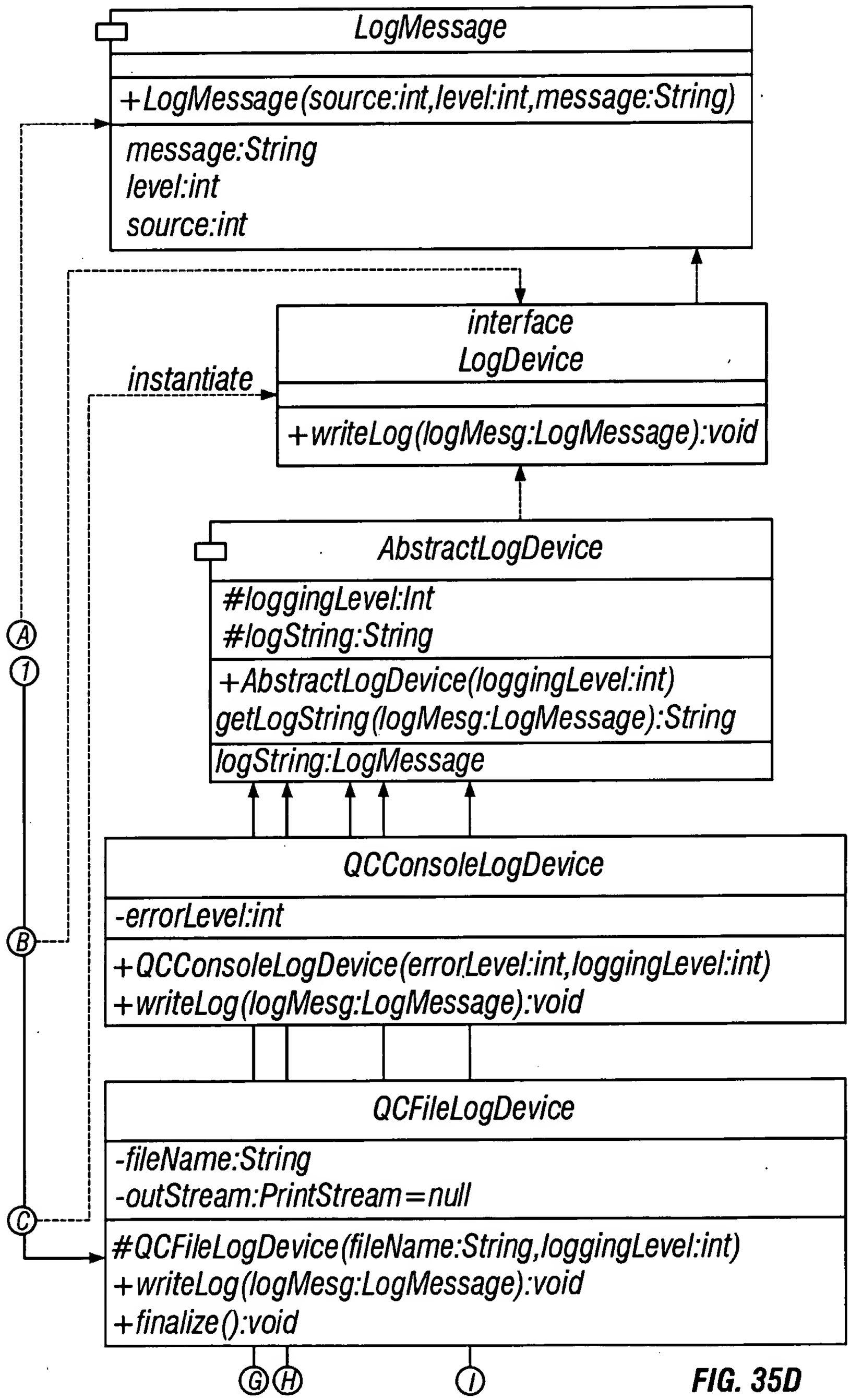
LogMessage
+LogMessage(source:int,level:int,message:String)
message:String
level:int
source:int
interface
LogDevice
instantiate
+writeLog(logMesg:LogMessage):void
AbstractLogDevice
#loggingLevel:Int
#logString:String
+AbstractLogDevice(loggingLevel:int)
getLogString(logMesg:LogMessage):String
logString:LogMessage
QCConsoleLogDevice
-errorLevel:int
+QCConsoleLogDevice(errorLevel:int,loggingLevel:int)
+writeLog(logMesg:LogMessage):void
QCFileLogDevice
-fileName:String
-outStream:PrintStream=null
#QCFileLogDevice(fileName:String,loggingLevel:int)
+writeLog(logMesg:LogMessage):void
+finalize():void
A
1
B
C
G
H
I

FIG. 35D

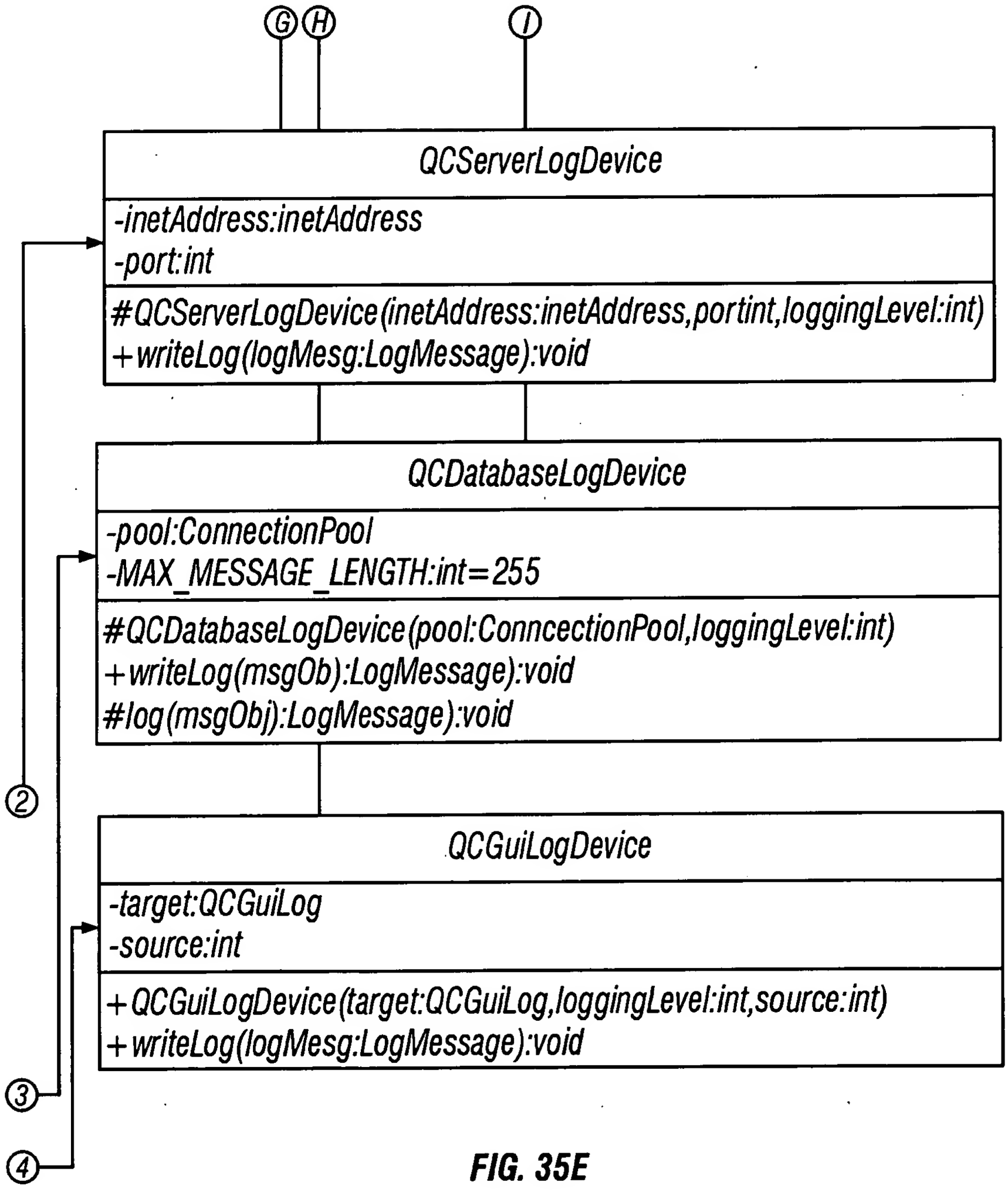
G
H
I
QCServerLogDevice
-inetAddress:inetAddress
-port:int
#QCServerLogDevice(inetAddress:inetAddress,portint,loggingLevel:int)
+writeLog(logMesg:LogMessage):void
QCDatabaseLogDevice
-pool:ConnectionPool
-MAX_MESSAGE_LENGTH:int=255
#QCDatabaseLogDevice(pool:ConncectionPool,loggingLevel:int)
+writeLog(msgOb):LogMessage):void
#log(msgObj):LogMessage):void
QCGuiLogDevice
-target:QCGuiLog
-source:int
+QCGuiLogDevice(target:QCGuiLog,loggingLevel:int,source:int)
+writeLog(logMesg:LogMessage):void
2
3
4

FIG. 35E

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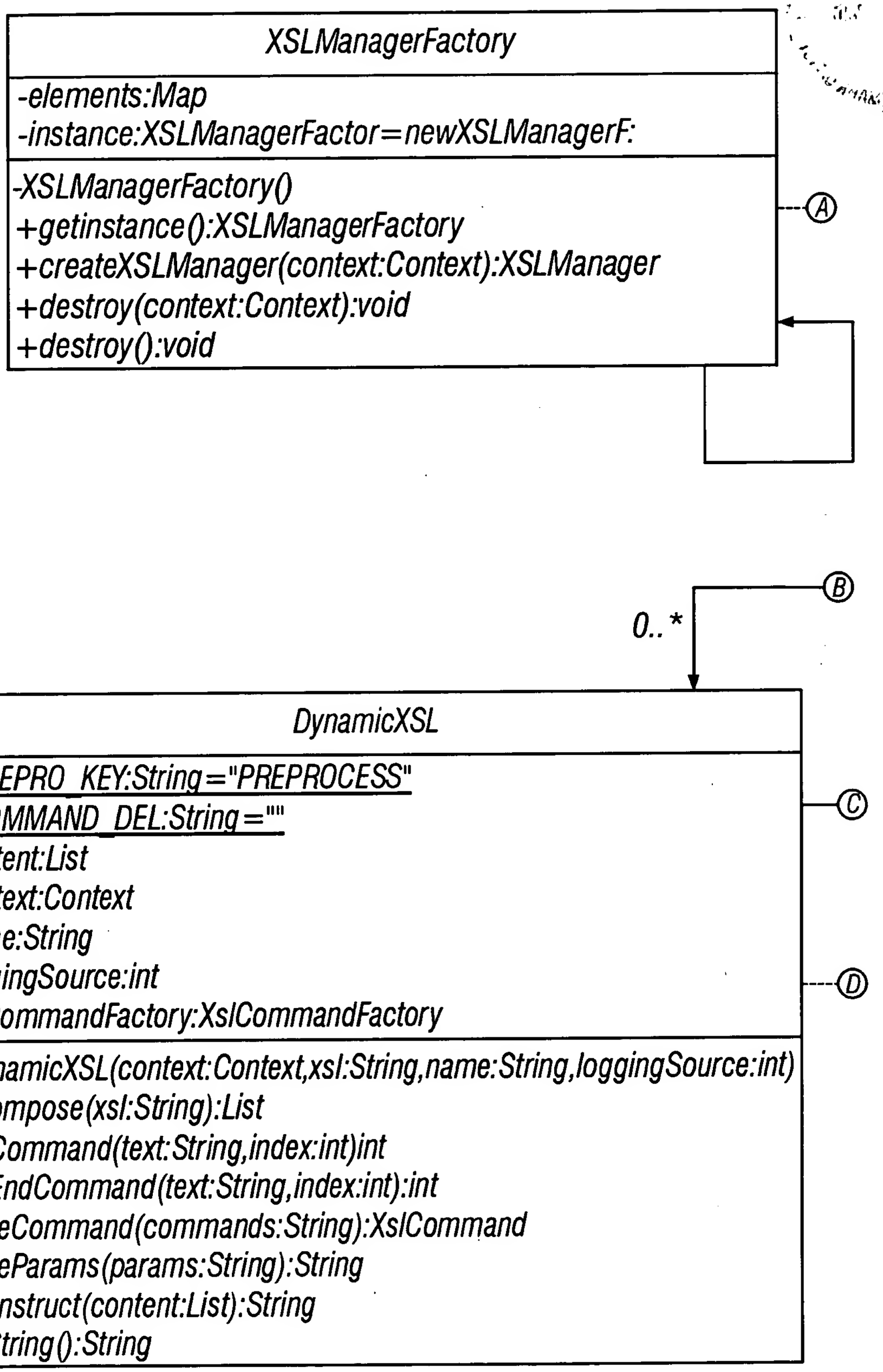
XSLManagerFactory
-elements:Map
-instance:XSLManagerFactor=newXSLManagerF:
-XSLManagerFactory()
+getinstance():XSLManagerFactory
+createXSLManager(context:Context):XSLManager
+destroy(context:Context):void
+destroy():void
A
0..*
B
DynamicXSL
+PREPRO_KEY:String="PREPROCESS"
+COMMAND_DEL:String=""
-content:List
-context:Context
-name:String
-loggingSource:int
-xslCommandFactory:XslCommandFactory
C
D
+DynamicXSL(context:Context,xsl:String,name:String,loggingSource:int)
-decompose(xsl:String):List
-findCommand(text:String,index:int)int
-findEndCommand(text:String,index:int):int
-parseCommand(commands:String):XslCommand
-parseParams(params:String):String
-reconstruct(content:List):String
+toString():String

FIG. 36A

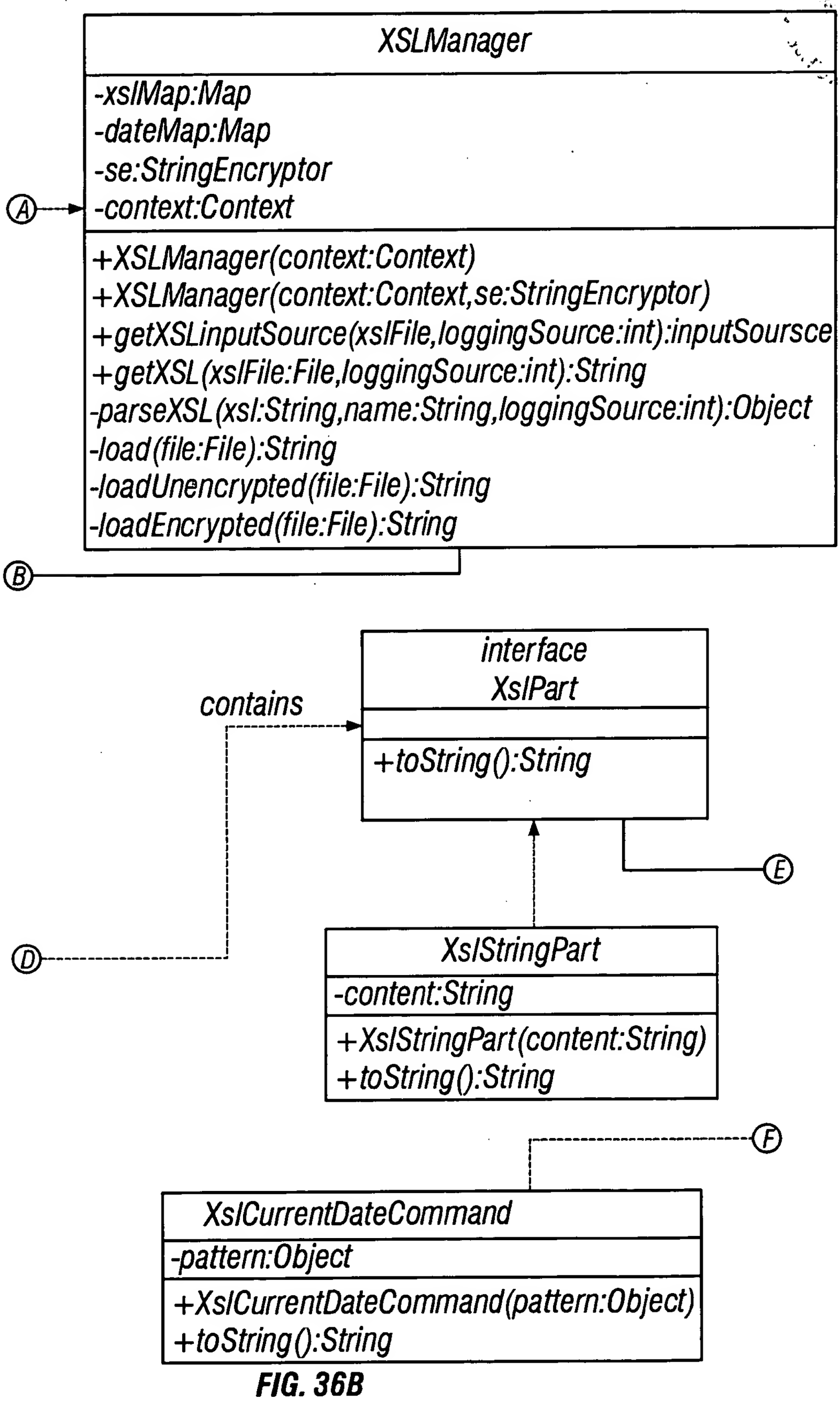
XSLManager
-xslMap:Map
-dateMap:Map
-se:StringEncryptor
-context:Context
+XSLManager(context:Context)
+XSLManager(context:Context,se:StringEncryptor)
+getXSLinputSource(xslFile,loggingSource:int):inputSoursce
+getXSL(xslFile:File,loggingSource:int):String
-parseXSL(xsl:String,name:String,loggingSource:int):Object
-load(file:File):String
-loadUnencrypted(file:File):String
-loadEncrypted(file:File):String
A
B
contains
interface
XslPart
+toString():String
D
E
XslStringPart
-content:String
+XslStringPart(content:String)
+toString():String
F
XslCurrentDateCommand
-pattern:Object
+XslCurrentDateCommand(pattern:Object)
+toString():String

FIG. 36B

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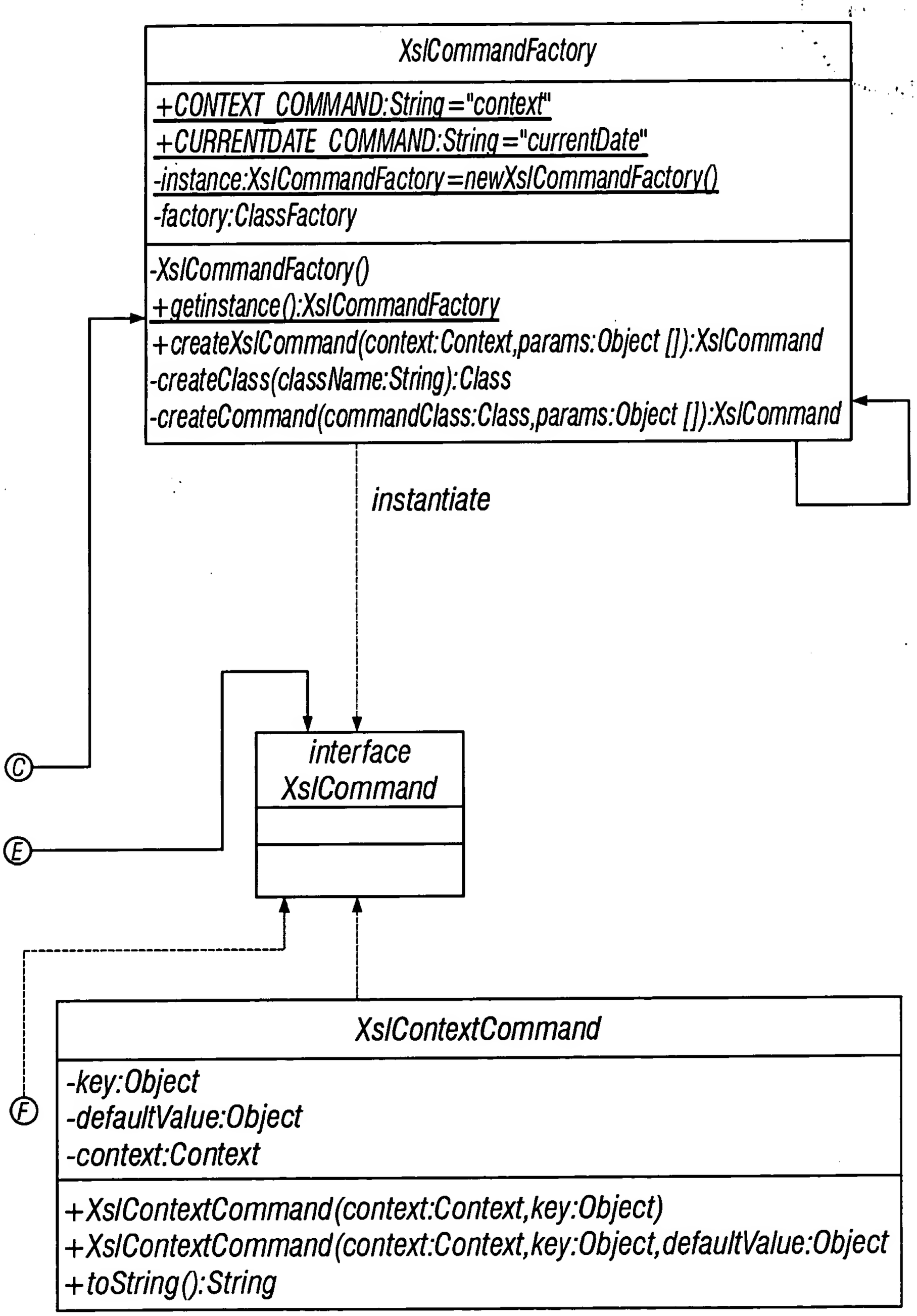
XslCommandFactory
+CONTEXT_COMMAND:String="context"
+CURRENTDATE_COMMAND:String="currentDate"
-instance:XslCommandFactory=newXslCommandFactory()
-factory:ClassFactory
-XslCommandFactory()
+getinstance():XslCommandFactory
+createXslCommand(context:Context,params:Object []):XslCommand
-createClass(className:String):Class
-createCommand(commandClass:Class,params:Object []):XslCommand
instantiate
C
E
interface
XslCommand
F
XslContextCommand
-key:Object
-defaultValue:Object
-context:Context
+XslContextCommand(context:Context,key:Object)
+XslContextCommand(context:Context,key:Object,defaultValue:Object
+toString():String

FIG. 36C